

OMNICOMM

Certificates & Declarations

06.04.2020

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Company Certification

Certificates & Declarations

This document contains international certificates and declarations for Omnicomm products and services.

Company Certification

ISO 9001-2015

Company Certification



BUREAU VERITAS
Certification

Certification
Awarded to
Omnicom Technologies LLC
Fabrichnaya 1, Shchelkovo, Russian Federation, 141101

Bureau Veritas Certification certify that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standard detailed below

STANDARD

ISO 9001:2015
SCOPE OF CERTIFICATION

DEVELOPMENT, PRODUCTION, SUPPLY AND MAINTENANCE OF
ELECTRONIC EQUIPMENT DESIGNED FOR TRANSPORT
MONITORING AND FUEL CONSUMPTION CONTROL.

Certification cycle start date: 30 August, 2017

Subject to the continued satisfactory operation of the organisation's Management System,
this certificate is valid until: 8 September, 2020

Original Certification date: 9 September, 2011

Certificate Number: EST102217A-2 Version: 1 Revision date: 30 August, 2017
A part of certificate No: EST102217A


Tiit Hindreus


Accredited MSC004

Certification body address: Bureau Veritas Eesti OÜ, Tartu mnt 24-22, 10115 Tallinn, Estonia

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.
To check this certificate validity please call +372 6676610



Strongest in Estonia 2015-2019



CERTIFICATE STRONGEST IN ESTONIA 2015-2019

The international credit information company AS Creditinfo Eesti hereby certifies that

Osaühing Omnicomm

has achieved a constant A-group credit rating over the past five financial years. This is proof of the contribution to the development of the Estonian economy and honest business culture.

A high rating is an indication of excellence: only 4,3% of Estonian companies can claim a stable high rating.

Creditinfo Rating is an assessment of a company expressed as a cumulative grade based on economic, financial and payment behaviour. The rating is calculated on the basis of economic data from 2014-2018.

CEO
Ege Metsandi



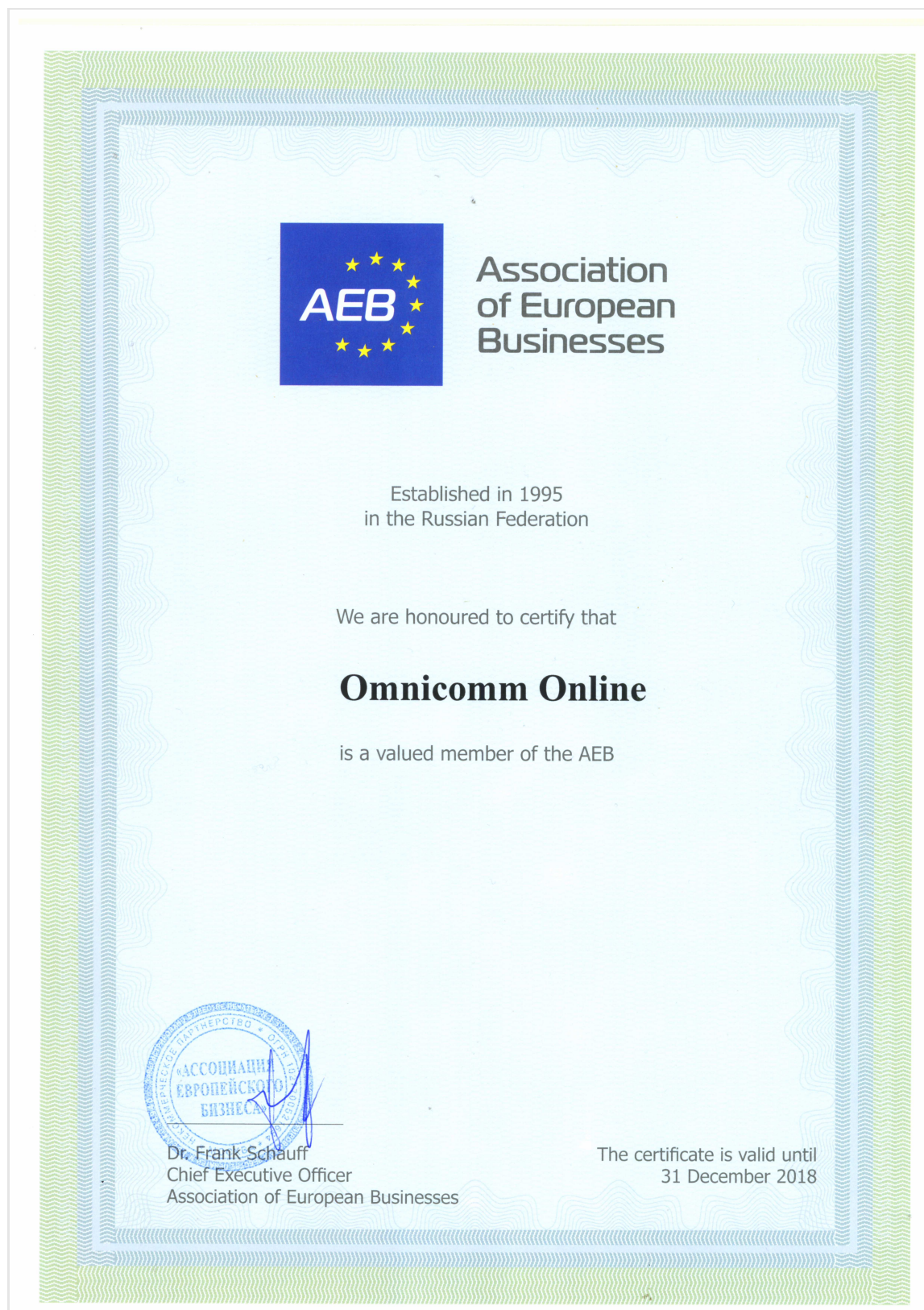
Issued on 25.06.2019, Tallinn



Certificate of Distributor



AEB Certificate



Fuel Level Sensors

Fuel Level Sensors

Certificate of Conformity
Omnicom LLS 20230

**Customs Union
Certificate of Conformity**

[EAC: EURASIAN CONFORMITY MARK]

Certificate No. TC **RU C-RU.AB24.B.04616**

Certificate form series **RU** No. **0477435**

CERTIFICATION BODY ООО "Сертификатсы продукции 'STANDART-TEST'" ("STANDARD-TEST" product certification) Limited Liability Company). Location: 121471, Russian Federation, Moscow, ul. Mozhayskoye shosse, 29. Registered address: 121359, Russian Federation, Moscow, ul. Marshala Timoshenko, 4/1; 115280, Russian Federation, Moscow, ul. Leninskaya Sloboda, 21/1. Tel.: 8 (495) 989-12-49, Fax: 8 (495) 74159-32, email address: info@standart-test.ru. Certificate of accreditation registration No. RA.RU.11AB24, issued on June 17th, 2016 by the FEDERAL SERVICE FOR ACCREDITATION "ROSAKKREDITSIYA"

APPLICANT ООО "Omnicom Tehnologii" ("Omnicom Technologies" Limited Liability Company). Primary State Registration Number: 1165050053024.

Location: 141101, Russian Federation, Moskovskaya oblast', Shcholkovo, ul. Fabrichnaya, 1.

Registered address: 141101, Russian Federation, Moskovskaya oblast', Shcholkovo, ul.

Fabrichnaya, 1. Tel. +78001002442, Fax +78001002442, email address: info@omnicomm.ru.

MANUFACTURER ООО "Omnicom Tehnologii" ("Omnicom Technologies" Limited Liability Company).

Location: 141101, Russian Federation, Moskovskaya oblast', Shcholkovo, ul. Fabrichnaya, 1.

Registered address: 141101, Russian Federation, Moskovskaya oblast', Shcholkovo, ul.

Fabrichnaya, 1.

PRODUCT Fuel level sensors LLS 20230 type with explosion protection marking 0ExialIBT6 X (as per appendix No. 0316516 and 0316517)

The product is manufactured in accordance with the technical requirements TU 4573-015-03066711-2016 "Fuel level sensors LLS 30160, LLS 20230".

Serial production.

HS CODE 9026 10 290 0

MEETS THE REQUIREMENTS of Customs Union technical regulation TR CU 012/2011 "On the safety of equipment for work in explosive environments".

THE CERTIFICATE IS ISSUED ON THE BASIS OF the test protocol No. GA27-0541 of December 8th, 2016 from the Test lab for explosion-proof equipment ООО "Международная Сертификатсы Промышленности" ("International Industrial Certification" Limited Liability Company), accreditation certificate No. ROSS RU.0001.21GA27, valid from July 30th, 2015, in perpetuity; the report on the results of the state of production analysis No. 4641 from November 9th, 2016 carried out by the certification body ООО "Сертификатсы продукции 'STANDART-TEST'" ("STANDARD-TEST" product certification) Limited Liability Company). registration No. RA.RU.11AB24, issued on July 17th, 2016.

ADDITIONAL INFORMATION Service life: 8 years; storage conditions: according to group 1 of GOST (State Standard) 15150-69; shelf life: 12 months.

VALID FROM December 9th, 2016 **TO** December 8th, 2021 **INCLUSIVE**

[EAC CERTIFICATION SEAL]

Head (or authorized person) of the certification body [SIGNATURE] L.V. Koziychuk

Expert(s)/Expert-auditor(s)

[SIGNATURE] Y.S. Zhygulyova

Customs Union

APPENDIX

TO THE CERTIFICATE OF CONFORMITY NO. TC RU C-RU.AB24.B.04616

Certificate form series RU No. 0316516

1. Purpose and scope of application.

The fuel level sensors of the LLS 20230 type (hereinafter referred to as "sensors") are designed to measure the level of fuel in vehicle tanks and in stationary fuel storages. The sensors also measure the temperature of the fuel.

Scope of application: explosive indoor areas and outdoor installations according to the explosion protection marking.

2. Conformity of the equipment with the Customs Union technical regulations "On the safety of equipment for work in explosive environments" (TR CU 012/2011) is ensured by the application of the following standards:

- GOST 30852.0-2002 "Explosion-proof electrical equipment. Part 0. General requirements";
- GOST 30852.10-2002 "Explosion-proof electrical equipment. Part 11. Type i intrinsically safe power circuit.".

3. Basic technical data.

Table 1

Parameter name	Value
Explosion protection marking	Ex 0ExiaIIBT6 X
The degree of protection provided by the casing in accordance with GOST 14254-96	IP67
Class of electrical equipment based on the method of people protection from electric shock according to GOST 12.2.007.0-75	III
Intrinsically safe fuel level sensor parameters:	
- maximum input voltage, U_i , V	10.5
- maximum input current, I_i , A	0.45
- maximum internal capacity, C_i , μ F	10
- maximum internal inductance, L_i , Mh	0.5
Operating temperature range, $^{\circ}$ C	$-60 \leq T_a \leq +80$

4. A brief description of the design and means of ensuring explosion protection.

Structurally, the sensor consists of a plastic body with a cover. The body of the sensor has the following: a mounting platform, a bushing for securing the measuring probe and a permanently connected cable with a connector.

Inside the body there is a printed circuit board with electronic components sealed with a compound of the Pentast 771 type. The sensor cover has a name plate with explosion-proof markings and permissible intrinsically safe parameters. Variations of the sensors differ from each other in versions with different lengths of the measuring probe.

[EAC CERTIFICATION SEAL]

Head (or authorized person) of the certification body [SIGNATURE] L.V. Koziychuk

Expert(s)/Expert-auditor(s)

[SIGNATURE] Y.S. Zhygulyova

Customs Union

APPENDIX

TO THE CERTIFICATE OF CONFORMITY NO. TC RU C-RU.AB24.B.04616

Certificate form series RU No. 0316517

A detailed description of the sensor is provided in the user manual and in the passport for each specific sensor.

Explosion protection of the sensor is ensured by the "intrinsically safe level 'ia' circuit" type of protection in accordance with GOST 30852.10-2002 and its design implemented in accordance with the requirements of GOST 30852.0-2002.

The "intrinsically safe circuit" type of protection is achieved by limiting the input parameters of the sensor's electrical circuits to intrinsically safe values.

The safe operation of equipment can only be ensured when all operation and maintenance practices are carried out in strict accordance with the requirements of the "USER MANUAL".

5. The marking applied on the sensor shall include the following information:

- the name of the manufacturer or its registered trademark;
- the equipment type designation;
- the factory number;
- the explosion protection marking;
- the year of equipment manufacture;
- the operating temperature range;
- the intrinsically safe circuits' parameters;
- the name or the logo of the certification body and the number of the certificate of conformity;
- the warning labels.

The equipment marking may include additional information if required by technical and regulatory documentation, if relevant for its safe use.

6. Special application conditions

The "X" mark in the explosion protection marking stands for the following:

- the sensors should be used within the range of operating temperatures specified in Table 1;
- the sensor input connectors can only be connected to the output devices of the intrinsically safe unit intended for supplying intrinsically safe "ia" level circuits in explosive areas where the formation of explosive gas mixtures of the IIB category is possible;
- the wires of the free end of the permanently connected sensor cable must have a connector for their respective connection;
- the sensor must be installed in accordance with the requirements specified in the user manual;
- the total values of the reactive components of the sensor and connecting cable resistance must not exceed the Co and Lo values of the spark protection unit.

7. The manufacturer may make changes to the design and technical documentation that confirms that the equipment meets the requirements of TR CU 012/2011, which may affect the explosion protection indicators, exclusively upon agreement of the Certification Body ООО "Сертификация продукции 'STANDART-TEST'" ("STANDARD-TEST" product certification" Limited Liability Company)

[EAC CERTIFICATION SEAL]

Head (or authorized person) of the certification body [SIGNATURE] L.V. Kozychuk

Expert(s)/Expert-auditor(s)

[SIGNATURE] Y.S. Zhygulyova

ТАМОЖЕННЫЙ СОЮЗ	
СЕРТИФИКАТ СООТВЕТСТВИЯ	
	№ ТС _____ RU C-RU.AB24.B.04616 _____ Серия RU № 0477435
ОРГАН ПО СЕРТИФИКАЦИИ продукция Общества с ограниченной ответственностью «Сертификация продукции «СТАНДАРТ-ТЕСТ». Место нахождения: 121471, Российская Федерация, город Москва, улица Можайское Шоссе, дом 29. Фактический адрес: 121359, Российская Федерация, город Москва, улица Маршала Тимошенко, дом 4, офис 1; 115280, Российская Федерация, город Москва, улица Ленинская Слобода, дом 21, корпус 1. Телефон: 8 (495) 989-12-49, Факс: 8 (495) 741-59-32, адрес электронной почты: info@standart-test.ru. Аттестат аккредитации регистрационный № RA.RU.11AB24, выдан 17.06.2016 года ФЕДЕРАЛЬНОЙ СЛУЖБОЙ ПО АККРЕДИТАЦИИ «РОСАККРЕДИТАЦИЯ»	
ЗАЯВИТЕЛЬ Общество с ограниченной ответственностью «Омниконм Технологии». Основной государственный регистрационный номер: 1165050053024. Место нахождения: 141101, Московская область, город Щелково, улица Фабричная, дом 1, Российская Федерация. Фактический адрес: 141101, Московская область, город Щелково, улица Фабричная, дом 1, Российская Федерация. Телефон +78001002442, факс +78001002442, адрес электронной почты: info@omnicomm.ru.	
ИЗГОТОВИТЕЛЬ Общество с ограниченной ответственностью «Омниконм Технологии». Место нахождения: 141101, Московская область, город Щелково, улица Фабричная, дом 1, Российская Федерация. Фактический адрес: 141101, Московская область, город Щелково, улица Фабричная, дом 1, Российская Федерация.	
ПРОДУКЦИЯ Датчики уровня топлива тип LLS 20230 с маркировкой взрывозащиты 0ExiaIBT6 X (приложение - бланки №№ 0316516, 0316517). Продукция изготавливается в соответствии с техническими условиями ТУ 4573-015-03066711-2016 «Датчики уровня топлива LLS 30160, LLS 20230». Серийный выпуск.	
КОД ТН ВЭД ТС	9026 10 290 0
СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ Технического регламента Таможенного союза ТР ТС 012/2011 "О безопасности оборудования для работы во взрывоопасных средах".	
СЕРТИФИКАТ ВЫДАН НА ОСНОВАНИИ протокола испытаний №ГА27-0541 от 08.12.2016 Испытательной лаборатории взрывозащищенного оборудования Общества с ограниченной ответственностью "Международная Сертификация Промышленности", аттестат аккредитации № РОСС RU.0001.21ГА27 срок действия с 30.07.2015, бессрочно; акта о результатах анализа состояния производства № 4641 от 09.11.2016 органа по сертификации Общества с ограниченной ответственностью «Сертификация продукции «СТАНДАРТ-ТЕСТ», регистрационный № RA.RU.11AB24, выдан 17.06.2016.	
ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ Срок службы – 8 лет, условия хранения – по группе 1 по ГОСТ 15150-69, срок хранения – 12 месяцев.	
СРОК ДЕЙСТВИЯ С 09.12.2016 ПО 08.12.2021 ВКЛЮЧИТЕЛЬНО 	Руководитель (уполномоченное лицо) органа по сертификации (подпись) Л.В. Козийчук (инициалы, фамилия) Эксперт (эксперт-аудитор) (эксперты (эксперты-аудиторы)) (подпись) Ю.С. Жигулева (инициалы, фамилия)
Бланк изготовлен ЗАО "ОПЦИОН" www.opcion.ru (лицензия № 05-05-09/003 ФНС РФ) тел. (495) 726 4742, Москва, 2013	

ТАМОЖЕННЫЙ СОЮЗ

ПРИЛОЖЕНИЕ

К СЕРТИФИКАТУ СООТВЕТСТВИЯ № TC RU C-RU.AB24.B.04616

Серия RU № 0316516

1. Назначение и область применения.

Датчики уровня топлива тип LLS 20230 (далее – датчики) предназначены для измерения уровня в топливных баках транспортных средств и стационарных топливозаправочных баках. Датчики дополнительно производят измерение температуры топлива.

Область применения – взрывоопасные зоны помещений и наружных установок согласно маркировке взрывозащиты.

2. Соответствие оборудования техническому регламенту Таможенного союза «О безопасности оборудования для работы во взрывоопасных средах» (ТР ТС 012/2011) обеспечивается применением стандартов:

- ГОСТ 30852.0-2002. «Электрооборудование взрывозащищенное. Часть 0. Общие требования»;

- ГОСТ 30852.10-2002 «Электрооборудование взрывозащищенное. Часть 11. Искробезопасная электрическая цепь i».

3. Основные технические данные.

Наименование параметра	Значение
Маркировка взрывозащиты	<input checked="" type="checkbox"/> 0ExiaPBT6 X
Степень защиты, обеспечиваемая оболочками по ГОСТ 14254-96	IP57
Класс электрооборудования по способу защиты человека от поражения электрическим током по ГОСТ 12.2.007.0-75	III
Искробезопасные параметры датчика уровня топлива:	
- максимальное входное напряжение, U_i , В	10,5
- максимальный входной ток I_i , А	0,45
- максимальная внутренняя емкость, C_i , мкФ	10
- максимальная внутренняя индуктивность L_i , мГн	0,5
Диапазон температур окружающей среды в условиях эксплуатации, °C	$-60 \leq T_a \leq +80$

4. Краткое описание конструкции и средств обеспечения взрывозащиты.

Конструктивно датчик выполнен в пластмассовом корпусе с крышкой. На корпусе датчика имеются: крепежная площадка, втулка для закрепления измерительного штока и постоянно подсоединенный кабель с разъемом.

Внутри корпуса размещена печатная плата с элементами электроники, герметизированная компаундом типа Пенталаст 771. На крышке датчика имеется фирменная табличка с маркировкой взрывозащиты и допустимыми искробезопасными параметрами. Модификации датчиков отличаются друг от друга исполнениями с различной длиной измерительной части.



Руководитель (уполномоченное
лицо) органа по сертификации

[Signature]
(подпись)

Л.В. Козийчук

(инициалы, фамилия)

Эксперт (эксперт-аудитор)
(эксперты (эксперты-аудиторы))

[Signature]
(подпись)

Ю.С. Жигулева

(инициалы, фамилия)

Бланк изготовлен ЗАО "ОПЦИОН" www.opcion.ru (лицензия № 05-05-09/003 ФНС РФ) тел. (495) 726 4742 Москва, 2013

Omnicom LLS-AF 20310

Omnicom LLS-AF 20310

Declaration of CE Conformity



DECLARATION OF CONFORMITY

No 02/2015

We hereby declare under our sole responsibility, that the following product

<u>Product:</u>	<u>Product description and technical specifications:</u>
Fuel level sensor Omnicom LLS-AF 20310	Digital fuel level sensor for fuel telematics
	power: 7-45 VDC, 0.9W
	data interface: analog output 0-20VDC
	probe's length 700, 1000, 1500, 2000, 3000 mm

is in conformity with standards harmonized with directives

LVD :	DIRECTIVE 2006/95/EC EN 60950-1:2006+A11
AUTOMOTIVE EMC :	DIRECTIVE 2004/104/EC amended by directives 2005/49/EC, 2005/83/EC, 2006/28/EC DIRECTIVE 72/245 EEC amended by DIRECTIVE 2009/19/EC

that is affirmed by test report T251-0279/12 of the SIQ, Slovenia

Year of affixing CE mark : 2012
Issued by : OMNICOMM OÜ
Date : 09.09.2015
Place : Narva, Estonia

Signature :

Irina Eidemiller
Member of the Board

OMNICOMM OÜ

www.omnicomm-online.com

A-A Tiimanni 1, Narva, 21004, Estonia, Tel: +372 3569590, e-mail: info@omnicomm-online.com

E-Mark Omnicomm LLS-AF 20310

JAVNA AGENCIJA REPUBLIKE SLOVENIJE
ZA VARNOST PROMETA

SLOVENIAN TRAFIC SAFETY AGENCY

AVP: Trdinova ulica 8, SI-1000 Ljubljana, tel.: 01 40 08430, fax.: 01 40 08417
SISA, Trdinova ulica 8, SI-1000 Ljubljana, tel.: +386 1 40 08430, fax.: +386 1 40 08417
37141-024/2012/02



HOMOLOGACIJA
TYPE-APPROVAL

CERTIFIKAT O ES-HOMOLOGACIJI EC TYPE-APPROVAL CERTIFICATE

tipa sestavnega dela na podlagi Direktive 72/245/EGS, nazadnje spremenjene z Direktivo 2009/19/ES
of a type of a component with regard to Directive 72/245/EEC, as last amended by Directive 2009/19/EC

Številka homologacije: **e26*2009/19*1050*00**
Type-approval number:

Razlog za razširitev:
Reason for extension:

--
N.A.

Del I
Section I

- | | | |
|-------|---|---|
| 0.1 | Znamka:
<i>Make (trade name of manufacturer):</i> | VEPAMON |
| 0.2 | Tip in splošen opis:

<i>Type and general commercial description:</i> | LLS-AF 20310,
DIGITALNI SENZOR NIVOJA GORIVA V
VOZILU
LLS-AF 20310,
DIGITAL FUEL LEVEL SENSOR FOR
VEHICLE TELEMATICS |
| 0.3 | Podatki za identifikacijo tipa, če je oznaka
na sestavnem delu:
<i>Means of identification of type if marked on the component:</i> | lasersko graviranje
laser engraving |
| 0.3.1 | Mesto te oznake:
<i>Location of that marking:</i> | na ohišju
on the housing |
| 0.5 | Ime in naslov proizvajalca:
<i>Name and address of manufacturer:</i> | VEPAMON OU
Vaksali 19
20308 Narva, ESTONIA |
| | Ime in naslov pooblaščenega zastopnika (če ta obstaja):
<i>Name and address of authorised representative, if any:</i> | -- |
| 0.7 | Pri sestavnih delih in samostojnih tehničnih enotah mesto
in način namestitve oznake ES-homologacije:
<i>In the case of components and separate technical units,
location and method of affixing of the EC approval mark:</i> | Nalepka zgoraj na ohišju
Label on the top of housing |
| 0.8 | Imena in naslovi proizvodnih tovarn:
<i>Names and addresses of assembly plants:</i> | OMNICOMM INVENT
Frunzenskaya naberezhnaya 16,
corpus 1, office 44
119146 Moscow, RUSSIAN FEDERATION |

AVP
STSA

HOMOLOGACIJA ŠT.
TYPE-APPROVAL No.

e26*2009/19*1050*00

Del II
Section II

- | | | |
|------|---|---|
| 1. | Dodatni podatki (če pridejo v poštev):
<i>Additional information (where applicable):</i> | glej Dodatek
<i>see Appendix</i> |
| 2. | Tehnična služba, pristojna za opravljanje
preskusov:
<i>Technical service responsible for carrying out
the tests:</i> | SIQ, Tržaška 2,
SI – 1000 LJUBLJANA
SLOVENIJA |
| 3. | Datum poročila o preskusu:
<i>Date of test report:</i> | 24.05.2012 |
| 4. | Številka poročila o preskusu:
<i>Number of test report:</i> | T251-0279/12 |
| 5. | (Morebitne) opombe:
<i>Remarks:</i> | glej Dodatek
<i>see Appendix</i> |
| 6. | Kraj:
<i>Place:</i> | 1000 LJUBLJANA |
| 7. | Datum:
<i>Date:</i> | 11.06.2012 |
| 8. | Podpis:
<i>Signature:</i> | mag. Tomaž Svetina, univ. dipl. inž. str.
vodja sektorja za vozila
 |
| 9. | Seznam dokumentov, ki se nahajajo pri homologacijskem organu, ki je podelil homologacijo in
se na zahtevo lahko dobijo:
<i>The index to the information package lodged with the type-approval authority that has granted
type-approval, which may be obtained on request:</i> | |
| 9.1. | Tehnično poročilo št.
<i>Test report No.</i> | T251-0279/12 |
| 9.2. | Opisni list št.
<i>Information document No.</i> | 251-OL267/12 |



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HOMOLOGACIJA ŠT.
TYPE-APPROVAL No.

e26*2009/19*1050*00

Dodatek k certifikatu o ES-homologaciji električnega podslopa v zvezi z Direktivo 72/245/EGS, nazadnje spremenjeno z Direktivo 2009/19/ES

Appendix to EC type-approval certificate concerning the type-approval of an electric subassembly with regard to Directive 72/245/EEC, as last amended by Directive 2009/19/EC

1. Dodatni podatki:

Additional information:

- | | |
|---|--|
| 1.1 Nazivna napetost električnega omrežja:
<i>Electrical system rated voltage:</i> | 7 V – 45 V
7 V – 45 V |
| 1.2 Ta EPS se lahko uporablja na vsakem tipu vozila z naslednjimi omejitvami:
<i>This ESA can be used on any vehicle type with the following restrictions:</i> | --
N.A. |
| 1.2.1 Pogoji za vgradnjo, če so:
<i>Installation conditions, if any:</i> | --
N.A. |
| 1.3 Ta EPS se lahko uporablja samo pri naslednjih tipih vozil:
<i>This ESA can only be used on the following vehicle types:</i> | --
N.A. |
| 1.3.1 Pogoji za vgradnjo, če so:
<i>Installation conditions, if any:</i> | --
N.A. |
| 1.4 Uporabljene posebne preizkusne metode in frekvenčna območja pri določanju odpornosti:
<i>The specific test method(s) used and the frequency ranges covered to determine immunity were:</i> | Glej poročilo o preizkusu št.: T251-0279/12

See test report No.: T251-0279/12 |
| 1.5 Laboratorij, akreditiran po ISO 17025, odgovoren za izvajanje preizkusov:
<i>Laboratory accredited to ISO 17025 and recognised by the Approval Authority responsible for carrying out the test</i> | SIQ EMC, Trpinčeva 39,
SI – 1000 LJUBLJANA
SLOVENIJA |
| 5. Pripombe:
<i>Remarks:</i> | |

AVP
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HOMOLOGACIJA ŠT.
TYPE-APPROVAL No.

c26*2009/19*1050*00

Ta homologacija je veljavna za serijsko izdelane enote pod naslednjimi pogoji:

Posamezni izdelki iz serijske proizvodnje morajo ustrezati najmanj vsem zahtevam Direktive 72/245/EGS, nazadnje spremenjeno z Direktivo 2009/19/ES.

Priloženo tehnično poročilo o preskusu in skice so sestavni del te homologacije.

Vsak izdelek mora biti čitljivo in trajno označen z:

- oznako proizvajalca oz. trgovsko oznako in
- homologacijsko oznako.

Izdelek je lahko označen tudi s tujo homologacijsko in tovarniško oznako, če s tem ni motena razpoznavnost in čitljivost homologacijske oznake, ki jo je dodelil slovenski homologacijski organ.

Na enoti ne sme biti oznak, ki bi lahko privedle do zamenjave z uradno dodeljeno oznako.

Kakršnekoli spremembe na enoti so dovoljene samo na podlagi posebnega dovoljenja homologacijskega organa. Neupoštevanje tega določila lahko povzroči odvzem homologacije in se kaznuje po zakonu.

Veljavnost homologacije preneha z vrnitvijo ali z odvzemom. Homologacija se odvzame, če pogoji za podelitev in obstoj homologacije ne obstajajo več, če lastnik homologacije krši obveznosti, povezane s homologacijo, oziroma če se ugotovi, da homologirani izdelek ne ustreza več veljavnim predpisom.

Proizvajalec je dolžan stalno kontrolirati kakovost homologiranega izdelka in njegovo skladnost s homologacijsko dokumentacijo. O tej kontroli je dolžan voditi evidenco in omogočiti vpogled v zapiske nadzornemu organu, ki ga določi homologacijski organ. V primeru ugotovitve neskladnosti s homologacijsko dokumentacijo je proizvajalec dolžan o tem takoj obvestiti homologacijski organ.

Homologacijski organ lahko kadarkoli preverja pravilno izvajanje pooblastil, dodeljenih s to homologacijo, in v ta namen tudi izbira vzorce za ponovni preskus. Stroške tega preverjanja nosi proizvajalec.

Vsako spremembo oznake proizvajalca, naslova ali proizvodne tovarne oziroma pri homologaciji imenovane pooblaščenice osebe je treba takoj sporočiti homologacijskemu organu.

Pravice, podeljene s to homologacijo, so neprenosljive. Pravice tretjih s to homologacijo niso prizadete.

V primerih, da se proizvodnja ali prodaja izdelka ne začne v roku enega leta od podelitve homologacije, da se proizvodnja ali prodaja prekine za več kot eno leto oziroma, da se predvideva taka prekinitev, je o tem treba takoj obvestiti homologacijski organ.

O začetku proizvodnje ali začetku prodaje oziroma njihovem ponovnem začetku je treba obvestiti homologacijski organ najkasneje v enem mesecu.

Pravno razlago v zvezi s to homologacijo lahko daje samo slovenski homologacijski organ.

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HOMOLOGACIJA ŠT.
TYPE-APPROVAL No.

e26*2009/19*1050*00

This Approval shall apply to series produced devices under the following conditions:

Individual products of series production shall comply at least with all the requirements of the Directive 72/245/EEC, as last amended by Directive 2009/19/EC.

The attached test report and drawings are a constituent part of this Approval.

Every device shall be marked with a readable and indelible:

- manufacturer's marking or commercial marking and
- approval marking.

The device may also be marked with a foreign approval and factory marking, provided that the identifiability and readability of the approval marking granted by the Slovenian type approval authority is not affected.

The device shall not bear any markings that may lead to confusion with the officially allotted marking.

Changes of any kind performed on the device shall be subject to special permission by the Slovenian type approval authority. Non-compliance with this provision will bring about withdrawal of the Approval and will be prosecuted.

The Approval will become ineffective when returned or withdrawn. The Approval shall be withdrawn: should the conditions for its granting and existence no longer exist, should the owner of the Approval break his obligations related to the Approval, or when it has been established that the approved device no longer complies with the applicable regulations.

The manufacturer shall regularly inspect the quality of the approved device as well as its conformity with the approval documentation. He shall keep record of this inspection and allow to the surveillance body appointed by the Slovenian type approval authority access to the records. Should any non-conformities be found with respect to the approval documentation, the manufacturer shall immediately inform thereof the Slovenian type approval authority.

Any time, the Slovenian type approval authority may check the correct performance of the authorizations appointed through this Approval, and for this purpose also select samples for a repeated test. The costs of such check shall pay manufacturer.

Any changes regarding the manufacturer's marking, the address or the production plant, or the authorized person appointed through this Approval, shall be forthwith notified to the Slovenian type approval authority.

The rights granted through this Approval shall be untransferrable. The rights of third persons shall not be affected through this Approval.

In the case where the production or sale of the device does not start within one year after the granting of the Approval, or the production or sale is interrupted for a period longer than one year, or such interruption is foreseen, the Slovenian type approval authority shall be immediately notified.

The Slovenian type approval authority shall be notified of the start of production or start of sale, or its restart, within a month's time at the latest.

Legal explanations in relation with this Approval may only be given by the Slovenian type approval authority.

11.06.2012



Tomaž Svetina, M.Sc.
Head of vehicle department

Omnicom LLS 30160

Omnicom LLS 30160

Declaration of CE Conformity



DECLARATION OF CONFORMITY

No 09/2015

We hereby declare under our sole responsibility, that the following product

Product:

**Fuel level
sensor
Omnicom
LLS 30160**

Product description and technical specifications:

Digital fuel level sensor for fuel telematics

power: 7-75 VDC

data interface: digital output EIA-485
digital output RS232

probe's length 700, 1000, 1500, 2000, 3000 mm

is in conformity with standards harmonized with

CLAUSES 6.5, 6.6, 6.7 and 6.9 of E/ECE REGULATION NO.10, REVISION 5

that is affirmed by the test report T251-0688/15 M1 of the SIQ, Slovenia

Year of affixing CE mark : 2015
Issued by : OMNICOMM OÜ
Date : 01.11.2015
Place : Narva, Estonia

Signature :

Irina Eidemiller
Member of the Board

OMNICOMM OÜ

www.omnicomm-online.com

A-A Tiimanni 1, Narva, 21004, Estonia, Tel: +372 3569590, e-mail: info@omnicomm-online.com

E-Mark Omnicomm LLS 30160

JAVNA AGENCIJA REPUBLIKE SLOVENIJE
ZA VARNOST PROMETA

SLOVENIAN TRAFFIC SAFETY AGENCY

AVP, Kotnikova ulica 19a, SI-1000 Ljubljana, tel.: 01 400 8430, vozila@avp-rs.si
STSA, Kotnikova ulica 19a, SI-1000 Ljubljana, tel.: +386 1 400 8430, vozila@avp-rs.si
37141-106/2015/06



SPOROČILO O PODELJENI HOMOLOGACIJI COMMUNICATION CONCERNING APPROVAL GRANTED

za tip elektronskega podsklopa skladno s Pravilnikom ECE 10 R, Amandma 05, dopolnilo 00
of a type of electronic sub-assembly with regard to Regulation No. 10 R, Amendment 05, Supplement 00

Homologacijska št.: **E26 10 R 05 1159**
Approval No.:

Razširitev št.: **00**
Extension No.:

1. Znamka (blagovna znamka proizvajalca):
Make (trade name of manufacturer):

LLS 30160

2. Tip in splošna(e) trgovska(e) oznaka(e):

LLS 30160,
DIGITALNI SENZOR NIVOJA GORIVA Z
DIGITALNIM PODATKOVNIM IZHODOM
RS232/EIA485
LLS 30160,
DIGITAL FUEL LEVEL SENSOR WITH
DIGITAL DATA OUTPUT RS232/EIA485

Type and general commercial description(s):

3. Način identifikacije tipa, če je oznaka
na sestavnem delu:
Means of identification of type, if marked
on the component:

oznaka tipa
type marking

3.1 Mesto te oznake:
Location of that marking:

na ohišju
on the housing

4. Kategorija vozila:
Category of vehicle:

ni navedeno
no specification

5. Ime in naslov proizvajalca:
Name and address of manufacturer:

OMNICOMM TECHNOLOGIES LLC
Polyanka B., 7/10, Building 3,
Corpus 2, Office 17
RU-119180 MOSCOW
Russian Federation

6. Za sestavne dele in samostojne tehnične enote mesto
in način namestitve oznake ECE homologacije:
In the case of components and separate technical units,
location and method of affixing of the ECE approval mark:


vgravirano na sprednji strani ohišja
engraved on the front side of housing

7. Naslov(i) proizvodne(ih) tovarne(i):
Address(es) of assembly plant(s):

Polyanka B., 7/10, Building 3,
Corpus 2, Office 17
RU-119180 MOSCOW
Russian Federation

AVP
STSA


HOMOLOGACIJA ŠT.
TYPE-APPROVAL NO.

 10 R 05 1159*00

- | | |
|---|--|
| 8. Dodatni podatki (po potrebi):
<i>Additional information (where applicable):</i> | Glej dodatek
<i>See appendix</i> |
| 9. Tehnična služba pristojna za homologacijske
preskuse:
<i>Technical Service responsible for carrying out
the tests:</i> | SIQ Ljubljana
TRŽAŠKA CESTA 2
1000 LJUBLJANA
Slovenia |
| 10. Datum poročila o preskusu:
<i>Date of test report:</i> | 26.10.2015 |
| 11. Številka poročila o preskusu:
<i>Number of test report:</i> | T251-0688/15 M1 |
| 12. Opombe (če so):
<i>Remarks (if any):</i> | Glej dodatek
<i>See appendix</i> |
| 13. Kraj:
<i>Place:</i> | 1000 LJUBLJANA |
| 14. Datum:
<i>Date:</i> | 11.11.2015 |
| 15. Podpis:
<i>Signature:</i> | mag. Tomaž Svetina, univ.dipl.inž.
vodja sektorja za vozila |
| 16. Temu sporočilu je priložen seznam dokumentov, ki so deponirani pri homologacijskem organu, ki
je odobril to homologacijo in jih je na zahtevo mogoče dobiti:
glej kazalo opisne dokumentacije št. E1159
<i>The list of documents deposited with the Administrative Service which has granted approval is
annexed to this communication and may be obtained on request:</i>
see index to information package no. E1159 | |
| 17. Razlogi za razširitev:
<i>Reasons for extension:</i> | / |


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HOMOLOGACIJA ŠT.
TYPE-APPROVAL NO.

 10 R 05 1159*00

Dodatek k sporočilu o homologaciji št.: E26 10 R 05 1159*00
glede homologacije električnega/elektronskega podsklopa po Pravilniku ECE 10 R.
*Appendix to type-approval communication form No.: E26 10 R 05 1159*00*
concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10 R.

1. Dodatne informacije
Additional information
- 1.1 Nazivna napetost električnega sistema : 7-75 V DC
Electrical system rated voltage:
- Ozemljitveni priključek pozitiven/negativen: negativen
Ground positive/negative: negative
- 1.2 Ta EPS se lahko uporablja na katerem koli tipu vozila, ob upoštevanju naslednjih omejitev: ni omejitev
This ESA can be used on any vehicle type with the following restrictions: no restrictions
- 1.2.1 Pogoji za vgradnjo, če so: glej proizvajalčeva navodila za uporabo
Installation conditions, If any: see manufacturer's user manual
- 1.3 Ta EPS se lahko uporablja samo na naslednjih tipih vozil: ni omejitev
This ESA can be used only on the following vehicle types: no restrictions
- 1.3.1 Pogoji za vgradnjo, če so: /
Installation conditions, If any:
- 1.4 Uporabljene posebne preskusne metode in frekvenčna območja pri določanju odpornosti (Navedi točno metodo po Prilogi 9): glej točko 4 poročila o preskusu T251-0688/15
The specific test method(s) used and frequency ranges covered to determine immunity were: (Please specify precise method used from Annex 9): see point 4 of the test report T251-0688/15
- 1.5 Laboratorij, akreditiran po ISO 17025 in priglašen pri homologacijskem organu, pristojen za izvajanje preskusov: SIQ EMC
Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the test: TRPINČEVA 37A
1000 LJUBLJANA
Slovenia
2. Opombe: /
Remarks:

AVP
STSAHOMOLOGACIJA ŠT.
TYPE-APPROVAL NO. 10 R 05 1159*00

Ta homologacija velja za serijsko izdelane električne/elektronske podslope (EPS) pod naslednjimi pogoji:

Posamezne naprave iz serijske proizvodnje morajo ustrezati najmanj vsem zahtevam pravilnika ECE 10 R, amandma 05, dopolnilo 00, "Enotne določbe za homologacijo vozil glede na elektromagnetno združljivost".

Priloženo poročilo o preskusu in risbe so sestavni del te homologacije.

Tej napravi se dodeli naslednja homologacijska oznaka:

 10 R - 05 1159

Homologacijska oznaka na napravi mora po izvedbi in velikosti ustrezati zahtevam pravilnika ECE 10 R.05.

S tem homologacijskim znakom so lahko označene samo tiste naprave, ki v celoti ustrezajo homologacijski dokumentaciji.

Vsaka naprava mora biti čitljivo in trajno označena s:

- homologacijsko oznako.

Pri električnih/elektronskih sistemih, vgrajenih v vozila, ki so homologirana kot enote, oznaka ni potrebna.

Homologacijska oznaka na napravi mora biti nameščena na mestu, ki je označeno v homologacijski dokumentaciji. Mesto homologacijske oznake mora biti izbrano tako, da je oznaka jasno čitljiva tudi po vgradnji v vozilo.

Naprava je lahko označen tudi s tujo homologacijsko in ali drugo oznako, če s tem ni motena razpoznavnost in čitljivost homologacijske oznake, ki jo je dodelil slovenski homologacijski organ.

Na napravi ne sme biti oznak, ki bi lahko privedle do zamenjave z uradno dodeljeno oznako.

Kakršnekoli spremembe na napravi so dovoljene samo na podlagi posebnega dovoljenja homologacijskega organa. Neupoštevanje tega določila povzroči odvzem homologacije in se kazensko preganja.

Veljavnost homologacije preneha z vrnitvijo ali z odvzemom. Homologacija se odvzame, če pogoji za podelitev in obstoj homologacije ne obstajajo več, če lastnik homologacije krši obveznosti, povezane s homologacijo, oziroma če se ugotovi, da homologirana naprava ne ustreza več veljavnim predpisom.

Proizvajalec je dolžan stalno kontrolirati kakovost homologirane naprave in njegovo skladnost s homologacijsko dokumentacijo. O tej kontroli je dolžan voditi evidenco in omogočiti vpogled v zapise nadzornemu organu, ki ga določi homologacijski organ. V primeru ugotovitve neskladnosti s homologacijsko dokumentacijo je proizvajalec dolžan o tem takoj obvestiti homologacijski organ.


Homologacijski organ lahko kadarkoli preverja pravilno izvajanje pooblastil, dodeljenih s to homologacijo, in v ta namen tudi izbira vzorce za ponovni preskus.

Vsako spremembo oznake proizvajalca, naslova ali proizvodne tovarne oziroma pri homologaciji imenovane pooblaščen osebe je treba takoj sporočiti homologacijskemu organu.

Pravice, podeljene s to homologacijo, so neprenosljive. Pravice tretjih s to homologacijo niso prizadete.

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HOMOLOGACIJA ŠT.
TYPE-APPROVAL NO.

 10 R 05 1159*00

V primerih, da se proizvodnja ali prodaja naprave ne začne v roku enega leta od podelitve homologacije, da se proizvodnja ali prodaja prekine za več kot eno leto oziroma, da se predvideva taka prekinitev, je o tem treba takoj obvestiti homologacijski organ.

O začetku proizvodnje ali začetku prodaje oziroma njihovem ponovnem začetku je treba obvestiti homologacijski organ najkasneje v enem mesecu.


Pravno razlago v zvezi s to homologacijo lahko daje samo homologacijski organ.

11.11.2015

mag. Tomaž Svetina, univ.dipl.inž.
vodja sektorja za vozila

AVP
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HOMOLOGACIJA ŠT.
TYPE-APPROVAL NO.

 10 R 05 1159*00

This Approval shall apply to electrical/electronic sub assembly (ESA) from serial production under the following conditions::

Individual devices from serial production shall comply at least with all requirements set out in the Regulation No. 10 R, Amendment 05, Supplement 00 "Uniform provisions concerning the approval of vehicles with regard to electromagnetic compatibility".

The attached test report and drawings shall be a constituent part of this Approval.

This device shall be allotted the following approval marking:

 10 R - 05 1159

The design and size of the approval marking shall meet the requirements of the Regulation No. 10 R.

Every device shall be marked with a readable and durable:

- approval marking.

No marking is required for electrical/electronic systems built into vehicles which are approved as units.

The approval marking on the device must be attached at the place indicated in the approval documentation. Location of the approval marking shall be selected in such way that the marking is clearly readable even when installed on a vehicle.

The device may also be marked with a foreign approval or other marking, provided that the identifiability and readability of the approval marking granted by the Slovenian Type Approval Authority is not affected.

The device shall not bear any markings that may lead to confusion with the officially allotted marking.

Changes of any kind performed on the device shall be subject to special permission by the Slovenian Type Approval Authority. Non-compliance with this provision will bring about withdrawal of the Approval and will be prosecuted.

The Approval will become ineffective when returned or withdrawn. The Approval shall be withdrawn: should the conditions for its granting and existence no longer exist, should the owner of the Approval break his obligations related to the Approval, or when it has been established that the approved device no longer complies with the applicable regulations.

The manufacturer shall regularly inspect the quality of the approved device as well as its conformity with the approval documentation. He shall keep record of this inspection and allow to the surveillance body appointed by the Slovenian Type Approval Authority access to the records. Should any non-conformities be found with respect to the approval documentation, the manufacturer shall immediately inform thereof the Slovenian Type Approval Authority.


Any time, the Slovenian Type Approval Authority may check the correct implementation of the authorizations appointed through this Approval, and for this purpose also select samples for a repeated test. The costs of such check pays the manufacturer.

Any changes regarding the manufacturer's marking, the address or the production plant, or the authorized person appointed through this Approval, shall be forthwith notified to the Slovenian Type Approval Authority.

The rights granted through this Approval shall be untransferrable. The rights of third persons shall not be affected through this Approval.

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HOMOLOGACIJA ŠT.
TYPE-APPROVAL NO.

 10 R 05 1159*00

In the case where the production or sale of the device does not start within one year after the granting of the Approval, or the production or sale is interrupted for a period longer than one year, or such interruption is foreseen, the Slovenian Type Approval Authority shall be immediately notified.

The Slovenian Type Approval Authority shall be notified of the start of production or start of sale, or its restart, within a month's time at the latest.

Legal explanations in relation with this Approval may only be given by the Slovenian Type Approval Authority.

11.11.2015

Tomaž Svetina, M.Sc.Eng.
Head of Vehicle department

Omnicommm LLS 4

Omnicommm LLS 4

Declaration of CE Conformity



DECLARATION OF CONFORMITY

No 03/2018/001

We hereby declare under our sole responsibility, that the following product

Product:

**Fuel level sensor
Omnicom LLS 4**

Product description and technical specifications:

Digital fuel level sensor for fuel telematics

power: 7-80 VDC

data interface: digital output EIA-485

digital output RS-232

probe length: 700, 1000, 1500, 2000, 2500, 3000 mm

is conformity with standards

CLAUSES 6.5, 6.6, 6.7, 6.8 and 6.9 of E/ECE REGULATION No. 10, REVISION 5
with Amendment 1,
Which is confirmed by the test report T251-0212/18 by the SIQ, Slovenia

Year of affixing CE mark : 2018
Issued by : OMNICOMM OÜ
Date : 15.03.2018
Place : Narva, Estonia

Signature :

Irina Eidemiller
Member of the Board

OMNICOMM OÜ

www.omnicomm-world.com

A-A Tiimanni 1, Narva, 21004, Estonia, Tel: +372 3569590, e-mail: info@omnicomm-world.com

E-Mark Certificate for Omnicomm LLS 4

JAVNA AGENCIJA REPUBLIKE SLOVENIJE
ZA VARNOST PROMETA

SLOVENIAN TRAFFIC SAFETY AGENCY

AVP, Kotnikova ulica 19a, SI-1000 Ljubljana, tel.: 01 478 8430, vozila@avp-rs.si
STSA, Kotnikova ulica 19a, SI-1000 Ljubljana, tel.: +386 1 478 8430, vozila@avp-rs.si
37141-025/2018/02



SPOROČILO O PODELJENI HOMOLOGACIJI COMMUNICATION CONCERNING APPROVAL GRANTED

za tip elektronskega podsklopa skladno s Pravilnikom št. 10 R, Amandma 05, Dodatek 01
of a type of electronic sub-assembly with regard to Regulation No. 10 R, Amendment 05, Supplement 01


Homologacijska št.: **E26 10 R 05 1270**
Approval No.:

Razširitev št.: **00**
Extension No.:

- | | |
|---|---|
| 1. Znamka (blagovna znamka proizvajalca):
<i>Make (trade name of manufacturer):</i> | OMNICOMM |
| 2. Tip in splošna(e) trgovska(e) oznaka(e):
<i>Type and general commercial description(s):</i> | LLS 4 (DIGITAL), SENZOR NIVOJA
GORIVA
LLS 4 (DIGITAL), FUEL LEVEL
SENSOR |
| 3. Način identifikacije tipa, če je oznaka na sestavnem delu:
<i>Means of identification of type, if marked on the component:</i> | oznaka tipa ali variante
<i>type or variant marking</i> |
| 3.1 Mesto te oznake:
<i>Location of that marking:</i> | nalepka, na zgornji strani ohišja
<i>label, on the top of housing</i> |
| 4. Kategorija vozila:
<i>Category of vehicle:</i> | ni navedeno
<i>no specification</i> |
| 5. Ime in naslov proizvajalca:
<i>Name and address of manufacturer:</i> | OMNICOMM TECHNOLOGIES LLC
Polyanka B., 7/10, Building 3, Corpus
2, Office 17
119180 MOSKVA
Russian Federation |
| 6. Za sestavne dele in samostojne tehnične enote mesto in način namestitve oznake ECE homologacije:
<i>In the case of components and separate technical units, location and method of affixing of the ECE approval mark:</i> | nalepka, na zgornji strani ohišja
<i>label, on the top of housing</i> |
| 7. Naslov(i) proizvodne(ih) tovarne(i):
<i>Address(es) of assembly plant(s):</i> | Fabrichnaya 1
RU141101 Shchelkovo
Russian Federation |

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- | | |
|--|---|
| 8. Dodatni podatki (po potrebi):
<i>Additional information (where applicable):</i> | Glej dodatek
<i>See appendix</i> |
| 9. Tehnična služba pristojna za homologacijske preskuse:
<i>Technical Service responsible for carrying out the tests:</i> | SIQ Ljubljana
TRŽAŠKA CESTA 2
1000 LJUBLJANA
Slovenia |
| 10. Datum poročila o preskusu:
<i>Date of test report:</i> | 13.03.2018 |
| 11. Številka poročila o preskusu:
<i>Number of test report:</i> | T251-0212/18 |
| 12. Opombe (če so):
<i>Remarks (if any):</i> | Glej dodatek
<i>See appendix</i> |
| 13. Kraj:
<i>Place:</i> | 1000 LJUBLJANA |
| 14. Datum:
<i>Date:</i> | 22.03.2018 |
| 15. Podpis:
<i>Signature:</i> | mag. Tomaž Svetina, univ. dipl. inž.
vodja sekcija za vozila |
16. Temu sporočilu je priložen seznam dokumentov, ki so deponirani pri homologacijskem organu, ki je odobril to homologacijo in jih je na zahtevo mogoče dobiti:
glej kazalo opisne dokumentacije št. E1270 Rev.00
The list of documents deposited with the Administrative Service which has granted approval is annexed to this communication and may be obtained on request.
see index to information package No E1270 Rev.00
17. Razlogi za razširitev:
Reasons for extension: /



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Dodatek k sporočilu o homologaciji št.: E26 10 R 05 1270*00
glede homologacije električnega/elektronskega podsklopa po Pravilniku ECE 10 R.
*Appendix to type-approval communication form No.: E26 10 R 05 1270*00*
concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10 R.

1. Dodatne informacije
Additional information
- 1.1 Nazivna napetost električnega sistema : 7-80 V DC
Electrical system rated voltage:
- Ozemljitveni priključek pozitiven/negativen: negativni
Ground positive/negative: *negative ground*
- 1.2 Ta EPS se lahko uporablja na katerem koli tipu vozila, ob upoštevanju naslednjih omejitev: ni omejitev
This ESA can be used on any vehicle type with the following restrictions: *no restrictions*
- 1.2.1 Pogoji za vgradnjo, če so: glej proizvajalčeva navodila za uporabo
Installation conditions, If any: *see manufacturer's instruction manual*
- 1.3 Ta EPS se lahko uporablja samo na naslednjih tipih vozil: ni omejitev
This ESA can be used only on the following vehicle types: *no restrictions*
- 1.3.1 Pogoji za vgradnjo, če so: /
Installation conditions, If any:
- 1.4 Uporabljene posebne preskusne metode in frekvenčna območja pri določanju odpornosti (Navedi točno metodo po Prilogi 9): glej točko 4 poročila o preskusu T251-0212/18
The specific test method(s) used and frequency ranges covered to determine immunity were: (Please specify precise method used from Annex 9): *see point 4 of the test report T251-0212/18*
- 1.5 Laboratorij, akreditiran po ISO 17025 in priglašen pri homologacijskem organu, pristojen za izvajanje preskusov: SIQ Ljubljana
Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the test: Mašera-Spasičeva ulica 10
1000 Ljubljana
Slovenia
2. Opombe: /
Remarks:

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Ta homologacija se uporablja za tip serijsko izdelanih električnih/elektronskih podsklopov (EPS) pod naslednjimi pogoji:

Posamezni proizvodi iz serijske proizvodnje morajo ustrezati najmanj vsem zahtevam Pravilnika št. 10 R, Amandma 05, Dodatek 01, "Enotne določbe za homologacijo vozil glede na elektromagnetno združljivost".

Priloženo poročilo o preskusu in risbe so sestavni del te homologacije.

Vsak proizvod mora biti čitljivo in trajno označen s:

- homologacijsko oznako.

Temu tipu proizvoda se dodeli naslednja homologacijska oznaka:

 **10 R - 05 1270**

Homologacijska oznaka na proizvodu mora po izvedbi in velikosti ustrezati zahtevam Pravilnika št. 10 R.05.

S tem homologacijskim znakom so lahko označeni samo tisti proizvodi, ki v celoti ustrezajo homologacijski dokumentaciji.

Homologacijska oznaka na proizvodu mora biti nameščena na mestu, ki je označeno v homologacijski dokumentaciji. Za oznake na električnih/elektronskih podsklopih, skladne z odstavki zgoraj, ni potrebno, da so vidne po vgradnji električnega/elektronskega podsklopa v vozilo.

Pri električnih/elektronskih sistemih, vgrajenih v vozila, ki so homologirana kot enote, oznaka ni potrebna.

Proizvod je lahko označen tudi s tujo homologacijsko ali drugo oznako, če s tem ni motena razpoznavnost in čitljivost homologacijske oznake, ki jo je dodelil slovenski homologacijski organ.

Na proizvodu ne sme biti oznak, ki bi lahko privedle do zamenjave z uradno dodeljeno oznako.

Kakršnekoli spremembe na proizvodu so dovoljene samo na podlagi posebnega dovoljenja homologacijskega organa.

Veljavnost homologacije preneha z vrnitvijo ali z odvzemom. Homologacija se odvzame, če pogoji za podelitev in obstoj homologacije ne obstajajo več, če lastnik homologacije krši obveznosti, povezane s homologacijo, oziroma če se ugotovi, da homologirani proizvod ne ustreza več veljavnim predpisom.

Proizvajalec je dolžan stalno kontrolirati kakovost homologiranega proizvoda in njegovo skladnost s homologacijsko dokumentacijo. O tej kontroli je dolžan voditi evidenco in omogočiti vpogled v zapise nadzornemu organu, ki ga določi homologacijski organ. V primeru ugotovitve neskladnosti s homologacijsko dokumentacijo je proizvajalec dolžan o tem takoj obvestiti homologacijski organ.

Homologacijski organ lahko kadarkoli preverja pravilno izvajanje pooblastil, dodeljenih s to homologacijo, in v ta namen tudi izbira vzorce za ponovni preskus. Stroške takšnih pregledov in presojo skladnosti proizvodnje, se zaračunajo proizvajalcu.

Vsako spremembo oznake proizvajalca, naslova ali proizvodne tovarne oziroma pri homologaciji imenovane pooblaščen osebe je treba takoj sporočiti homologacijskemu organu.

Pravice, podeljene s to homologacijo, so neprenosljive. Pravice tretjih s to homologacijo niso prizadete.

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V primerih, da se proizvodnja ali prodaja proizvoda ne začne v roku enega leta od podelitve homologacije, da se proizvodnja ali prodaja prekine za več kot eno leto oziroma, da se predvideva taka prekinitve, je o tem treba takoj obvestiti homologacijski organ.

O začetku proizvodnje ali začetku prodaje oziroma njihovem ponovnem začetku je treba obvestiti homologacijski organ najkasneje v enem mesecu.

Neupoštevanje zgoraj navedenih določil lahko povzroči odvzem homologacije in se kazensko preganja.

Pravno razlago v zvezi s to homologacijo lahko daje samo homologacijski organ.


22.03.2018




mag. Tomaž Svetina, univ.dipl.inž.
vodja sektorja za vozila

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HOMOLOGACIJA ŠT.
TYPE-APPROVAL NO.

 10 R 05 1270*00

This Approval shall apply to a type of electrical/electronic sub assemblies (ESA) from serial production under the following conditions:

Individual products from serial production shall comply at least with all requirements set out in the Regulation No. 10 R, Amendment 05, Supplement 01 "Uniform provisions concerning the approval of vehicles with regard to electromagnetic compatibility".

The attached test report and drawings shall be a constituent part of this Approval.

Every product shall be marked with a readable and durable:

- approval marking.

This type of product shall be allotted the following approval marking:

 10 R - 05 1270

The design and size of the approval marking shall meet the requirements of the Regulation No. 10 R.

Only products which fully comply with the approval documentation may bear the allotted approval mark.

The approval marking on the product must be attached at the place indicated in the approval documentation. Markings on ESAs in conformity with paragraphs above need not be visible when the ESA is installed in the vehicle.

No marking is required for electrical/electronic systems built into vehicles which are approved as units.

The product may also be marked with a foreign approval or other marking, provided that the identifiability and readability of the approval marking granted by the Slovenian Type Approval Authority is not affected.

The product shall not bear any markings that may lead to confusion with the officially allotted marking.

Changes of any kind performed on the product shall be subject to special permission by the Slovenian Type Approval Authority.

The Approval will become ineffective when returned or withdrawn. The Approval shall be withdrawn: should the conditions for its granting and existence no longer exist, should the owner of the Approval break his obligations related to the Approval, or when it has been established that the approved product no longer complies with the applicable regulations.

The manufacturer shall regularly inspect the quality of the approved product as well as its conformity with the approval documentation. He shall keep record of this inspection and allow to the surveillance body appointed by the Slovenian Type Approval Authority access to the records. Should any non-conformities be found with respect to the approval documentation, the manufacturer shall immediately inform thereof the Slovenian Type Approval Authority.


Any time, the Slovenian Type Approval Authority may check the correct implementation of the authorizations appointed through this Approval, and for this purpose also select samples for a repeated test. The costs of such checks and conformity of production assessments are charged to the manufacturer.

Any changes regarding the manufacturer's marking, the address or the production plant, or the authorized person appointed through this Approval, shall be forthwith notified to the Slovenian Type Approval Authority.

The rights granted through this Approval shall be untransferrable. The rights of third persons shall not be affected through this Approval.

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In the case where the production or sale of the product does not start within one year after the granting of the Approval, or the production or sale is interrupted for a period longer than one year, or such interruption is foreseen, the Slovenian Type Approval Authority shall be immediately notified.


The Slovenian Type Approval Authority shall be notified of the start of production or start of sale, or its restart, within a month's time at the latest.

Non-compliance with above stated provisions may result in withdrawal of the Approval and will be prosecuted.

Legal explanations in relation with this Approval may only be given by the Slovenian Type Approval Authority.

22.03.2018




Tomaž Svetina, M.Sc.Eng.
Head of Vehicle department

Omnicom LLS-AF 4

Omnicom LLS-AF 4

Declaration of CE Conformity



DECLARATION OF CONFORMITY

No 03/2018/002

We hereby declare under our sole responsibility, that the following product

Product:

**Fuel level sensor
Omnicom LLS-AF 4**

Product description and technical specifications:

Digital fuel level sensor for fuel telematics

power: 7-45 VDC , 0.9W

data interface: analog output 0-20VDC

frequency output 30-2000Hz

probe length: 700, 1000, 1500, 2000, 2500, 3000 mm

is conformity with standards

CLAUSES 6.5, 6.6, 6.7, 6.8 and 6.9 of E/ECE REGULATION No. 10, REVISION 5
with Amendment 1,
Which is confirmed by the test report T251-0211/18 by the SIQ, Slovenia

Year of affixing CE mark : 2018
Issued by : OMNICO MM OÜ
Date : 15.03.2018
Place : Narva, Estonia

Signature :

Irina Eidemiller
Member of the Board

OMNICO MM OÜ

www.omnicomm-world.com

A-A Tiimanni 1, Narva, 21004, Estonia, Tel: +372 3569590, e-mail: info@omnicomm-world.com

E-Mark Certificate for Omnicomm LLS-AF 4

JAVNA AGENCIJA REPUBLIKE SLOVENIJE
ZA VARNOST PROMETA

SLOVENIAN TRAFFIC SAFETY AGENCY

AVP, Kotnikova ulica 19a, SI-1000 Ljubljana, tel.: 01 478 8430, vozila@avp-rs.si
STSA, Kotnikova ulica 19a, SI-1000 Ljubljana, tel.: +386 1 478 8430, vozila@avp-rs.si
37141-026/2018/03



SPOROČILO O PODELJENI HOMOLOGACIJI COMMUNICATION CONCERNING APPROVAL GRANTED

za tip elektronskega podsklopa skladno s Pravilnikom št. 10 R, Amandma 05, Dodatek 01
of a type of electronic sub-assembly with regard to Regulation No. 10 R, Amendment 05, Supplement 01


Homologacijska št.: **E26 10 R 05 1271**
Approval No.:

Razširitev št.: **00**
Extension No.:

- | | |
|---|---|
| 1. Znamka (blagovna znamka proizvajalca):
<i>Make (trade name of manufacturer):</i> | OMNICOMM |
| 2. Tip in splošna(e) trgovska(e) oznaka(e):
<i>Type and general commercial description(s):</i> | LLS-AF 4 (ANALOG), SENZOR
NIVOJA GORIVA
LLS-AF 4 (ANALOG), FUEL LEVEL
SENSOR |
| 3. Način identifikacije tipa, če je oznaka na sestavnem delu:
<i>Means of identification of type, if marked on the component:</i> | oznaka tipa ali variante
<i>type or variant marking</i> |
| 3.1 Mesto te oznake:
<i>Location of that marking:</i> | nalepka, na zgornji strani ohišja
<i>label, on the top of housing</i> |
| 4. Kategorija vozila:
<i>Category of vehicle:</i> | ni navedeno
<i>no specification</i> |
| 5. Ime in naslov proizvajalca:
<i>Name and address of manufacturer:</i> | OMNICOMM TECHNOLOGIES LLC
Polyanka B., 7/10, Building 3, Corpus
2, Office 17
119180 MOSKVA
Russian Federation |
| 6. Za sestavne dele in samostojne tehnične enote mesto in način namestitve oznake ECE homologacije:
<i>In the case of components and separate technical units, location and method of affixing of the ECE approval mark:</i> | nalepka, na zgornji strani ohišja
<i>label, on the top of housing</i> |
| 7. Naslov(i) proizvodne(ih) tovarne(i):
<i>Address(es) of assembly plant(s):</i> | Fabrichnaya 1
RU141101 Shchelkovo
Russian Federation |

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- | | |
|--|--|
| 8. Dodatni podatki (po potrebi):
<i>Additional information (where applicable):</i> | Glej dodatek
<i>See appendix</i> |
| 9. Tehnična služba pristojna za homologacijske preskuse:
<i>Technical Service responsible for carrying out the tests:</i> | SIQ Ljubljana
TRŽAŠKA CESTA 2
1000 LJUBLJANA
Slovenia |
| 10. Datum poročila o preskusu:
<i>Date of test report:</i> | 13.03.2018 |
| 11. Številka poročila o preskusu:
<i>Number of test report:</i> | T251-0211/18 |
| 12. Opombe (če so):
<i>Remarks (if any):</i> | Glej dodatek
<i>See appendix</i> |
| 13. Kraj:
<i>Place:</i> | 1000 LJUBLJANA |
| 14. Datum:
<i>Date:</i> | 22.03.2018 |
| 15. Podpis:
<i>Signature:</i> | mag. Tomaž Svetina, univ. dipl. inž.
vodja sektorja za vozila |
16. Temu sporočilu je priložen seznam dokumentov, ki so deponirani pri homologacijskem organu, ki je odobril to homologacijo in jih je na zahtevo mogoče dobiti:
glej kazalo opisne dokumentacije št. E1271 Rev.00
The list of documents deposited with the Administrative Service which has granted approval is annexed to this communication and may be obtained on request.
see index to information package No E1271 Rev.00
17. Razlogi za razširitev:
Reasons for extension: /



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 10 R 05 1271*00

Dodatek k sporočilu o homologaciji št.: E26 10 R 05 1271*00
glede homologacije električnega/elektronskega podsklopa po Pravilniku ECE 10 R.
*Appendix to type-approval communication form No.: E26 10 R 05 1271*00*
concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10 R.

1. Dodatne informacije
Additional information
- 1.1 Nazivna napetost električnega sistema : 7-45 V DC
Electrical system rated voltage:
- Ozemljitveni priključek pozitiven/negativen: negativni
Ground positive/negative: *negative ground*
- 1.2 Ta EPS se lahko uporablja na katerem koli tipu vozila, ob upoštevanju naslednjih omejitev: ni omejitev
This ESA can be used on any vehicle type with the following restrictions: *no restrictions*
- 1.2.1 Pogoji za vgradnjo, če so: glej proizvajalčeva navodila za uporabo
Installation conditions, If any: *see manufacturer's instruction manual*
- 1.3 Ta EPS se lahko uporablja samo na naslednjih tipih vozil: ni omejitev
This ESA can be used only on the following vehicle types: *no restrictions*
- 1.3.1 Pogoji za vgradnjo, če so: /
Installation conditions, If any:
- 1.4 Uporabljene posebne preskusne metode in frekvenčna območja pri določanju odpornosti (Navedi točno metodo po Prilogi 9): glej točko 4 poročila o preskusu T251-0211/18
The specific test method(s) used and frequency ranges covered to determine immunity were: (Please specify precise method used from Annex 9): *see point 4 of the test report T251-0211/18*
- 1.5 Laboratorij, akreditiran po ISO 17025 in priglašen pri homologacijskem organu, pristojen za izvajanje preskusov: SIQ Ljubljana
Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the test: Mašera-Spasičeva ulica 10
1000 Ljubljana
Slovenia
2. Opombe: /
Remarks:

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Ta homologacija se uporablja za tip serijsko izdelanih električnih/elektronskih podsklopov (EPS) pod naslednjimi pogoji:

Posamezni proizvodi iz serijske proizvodnje morajo ustrezati najmanj vsem zahtevam Pravilnika št. 10 R, Amandma 05, Dodatek 01, "Enotne določbe za homologacijo vozil glede na elektromagnetno združljivost".

Priloženo poročilo o preskusu in risbe so sestavni del te homologacije.

Vsak proizvod mora biti čitljivo in trajno označen s:

- homologacijsko oznako.

Temu tipu proizvoda se dodeli naslednja homologacijska oznaka:

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Homologacijska oznaka na proizvodu mora po izvedbi in velikosti ustrezati zahtevam Pravilnika št. 10 R.05.

S tem homologacijskim znakom so lahko označeni samo tisti proizvodi, ki v celoti ustrezajo homologacijski dokumentaciji.

Homologacijska oznaka na proizvodu mora biti nameščena na mestu, ki je označeno v homologacijski dokumentaciji. Za oznake na električnih/elektronskih podsklopih, skladne z odstavki zgoraj, ni potrebno, da so vidne po vgradnji električnega/elektronskega podsklopa v vozilo.

Pri električnih/elektronskih sistemih, vgrajenih v vozila, ki so homologirana kot enote, oznaka ni potrebna.

Proizvod je lahko označen tudi s tujo homologacijsko ali drugo oznako, če s tem ni motena razpoznavnost in čitljivost homologacijske oznake, ki jo je dodelil slovenski homologacijski organ.

Na proizvodu ne sme biti oznak, ki bi lahko privedle do zamenjave z uradno dodeljeno oznako.

Kakršnekoli spremembe na proizvodu so dovoljene samo na podlagi posebnega dovoljenja homologacijskega organa.

Veljavnost homologacije preneha z vrnitvijo ali z odvzemom. Homologacija se odvzame, če pogoji za podelitev in obstoj homologacije ne obstajajo več, če lastnik homologacije krši obveznosti, povezane s homologacijo, oziroma če se ugotovi, da homologirani proizvod ne ustreza več veljavnim predpisom.

Proizvajalec je dolžan stalno kontrolirati kakovost homologiranega proizvoda in njegovo skladnost s homologacijsko dokumentacijo. O tej kontroli je dolžan voditi evidenco in omogočiti vpogled v zapise nadzornemu organu, ki ga določi homologacijski organ. V primeru ugotovitve neskladnosti s homologacijsko dokumentacijo je proizvajalec dolžan o tem takoj obvestiti homologacijski organ.


Homologacijski organ lahko kadarkoli preverja pravilno izvajanje pooblastil, dodeljenih s to homologacijo, in v ta namen tudi izbira vzorce za ponovni preskus. Stroške takšnih pregledov in presoj skladnosti proizvodnje, se zaračunajo proizvajalcu.

Vsako spremembo oznake proizvajalca, naslova ali proizvodne tovarne oziroma pri homologaciji imenovane pooblaščen osebe je treba takoj sporočiti homologacijskemu organu.

Pravice, podeljene s to homologacijo, so neprenosljive. Pravice tretjih s to homologacijo niso prizadete.

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V primerih, da se proizvodnja ali prodaja proizvoda ne začne v roku enega leta od podelitve homologacije, da se proizvodnja ali prodaja prekine za več kot eno leto oziroma, da se predvideva taka prekinitve, je o tem treba takoj obvestiti homologacijski organ.

O začetku proizvodnje ali začetku prodaje oziroma njihovem ponovnem začetku je treba obvestiti homologacijski organ najkasneje v enem mesecu.

Neupoštevanje zgoraj navedenih določil lahko povzroči odvzem homologacije in se kazensko preganja.

Pravno razlago v zvezi s to homologacijo lahko daje samo homologacijski organ.


22.03.2018



mag. Tomaž Svetina, univ.dipl.inž.
vodja sektorja za vozila

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HOMOLOGACIJA ŠT.
TYPE-APPROVAL NO.

 10 R 05 1271*00

This Approval shall apply to a type of electrical/electronic sub assemblies (ESA) from serial production under the following conditions:

Individual products from serial production shall comply at least with all requirements set out in the Regulation No. 10 R, Amendment 05, Supplement 01 "Uniform provisions concerning the approval of vehicles with regard to electromagnetic compatibility".

The attached test report and drawings shall be a constituent part of this Approval.

Every product shall be marked with a readable and durable:

- approval marking.

This type of product shall be allotted the following approval marking:

 10 R - 05 1271

The design and size of the approval marking shall meet the requirements of the Regulation No. 10 R.

Only products which fully comply with the approval documentation may bear the allotted approval mark.

The approval marking on the product must be attached at the place indicated in the approval documentation. Markings on ESAs in conformity with paragraphs above need not be visible when the ESA is installed in the vehicle.

No marking is required for electrical/electronic systems built into vehicles which are approved as units.

The product may also be marked with a foreign approval or other marking, provided that the identifiability and readability of the approval marking granted by the Slovenian Type Approval Authority is not affected.

The product shall not bear any markings that may lead to confusion with the officially allotted marking.

Changes of any kind performed on the product shall be subject to special permission by the Slovenian Type Approval Authority.

The Approval will become ineffective when returned or withdrawn. The Approval shall be withdrawn: should the conditions for its granting and existence no longer exist, should the owner of the Approval break his obligations related to the Approval, or when it has been established that the approved product no longer complies with the applicable regulations.

The manufacturer shall regularly inspect the quality of the approved product as well as its conformity with the approval documentation. He shall keep record of this inspection and allow to the surveillance body appointed by the Slovenian Type Approval Authority access to the records. Should any non-conformities be found with respect to the approval documentation, the manufacturer shall immediately inform thereof the Slovenian Type Approval Authority.


Any time, the Slovenian Type Approval Authority may check the correct implementation of the authorizations appointed through this Approval, and for this purpose also select samples for a repeated test. The costs of such checks and conformity of production assessments are charged to the manufacturer.

Any changes regarding the manufacturer's marking, the address or the production plant, or the authorized person appointed through this Approval, shall be forthwith notified to the Slovenian Type Approval Authority.

The rights granted through this Approval shall be untransferrable. The rights of third persons shall not be affected through this Approval.

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TYPE-APPROVAL NO.

 10 R 05 1271*00

In the case where the production or sale of the product does not start within one year after the granting of the Approval, or the production or sale is interrupted for a period longer than one year, or such interruption is foreseen, the Slovenian Type Approval Authority shall be immediately notified.


The Slovenian Type Approval Authority shall be notified of the start of production or start of sale, or its restart, within a month's time at the latest.

Non-compliance with above stated provisions may result in withdrawal of the Approval and will be prosecuted.

Legal explanations in relation with this Approval may only be given by the Slovenian Type Approval Authority.

22.03.2018




Tomaž Svetina, M.Sc.Eng.
Head of Vehicle department

Omnicommm LLS 5

Omnicommm LLS 5

Declaration of CE Conformity

OMNICOMM
FUELLING YOUR BUSINESS



DECLARATION OF CONFORMITY

No 08/2019/001

We hereby declare under our sole responsibility, that the following product

Product:

**Fuel level sensor
Omnicom LLS 5**

Product description and technical specifications:

Digital fuel level sensor for fuel telematics

power: 12/24 VDC

data interface: digital output EIA-485
digital output RS-232

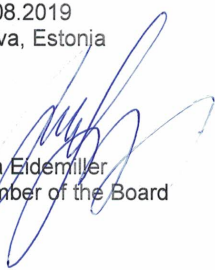
probe length: 700, 1000, 1500, 2000, 2500, 3000 mm

is conformity with standards

CLAUSES 6.5, 6.6, 6.7, 6.8 and 6.9 of E/ECE REGULATION No. 10, REVISION 5
with Amendment 1,
Which is confirmed by the test report 19E8076-4 by the Compliance Engineering Ireland
Ltd, Ireland

Year of affixing CE mark : 2019
Issued by : OMNICOMM OÜ
Date : 19.08.2019
Place : Narva, Estonia

Signature :


Irina Eidemiller
Member of the Board

OMNICOMM OÜ

www.omnicomm-world.com

A-A Tiimanni 1, Narva, 21004, Estonia, Tel: +372 3569590, e-mail: info@omnicomm-world.com

E-Mark Certificate for Omnicomm LLS 5



ECE TYPE-APPROVAL CERTIFICATE



Communication Concerning: Approval granted
~~Approval extended~~
~~Approval refused~~
~~Approval withdrawn~~
~~Production definitively discontinued~~

Of a type of electrical/electronic sub-assembly with regard to Regulation No.10.

Approval No: E24*10R05/01*2949*00

Reason for extension: -N/A

- | | |
|--|---|
| 1. Make (trade name of manufacturer): | <i>Omnicom</i> |
| 2. Type and general commercial description: | <i>Omnicom LLS 5 Fuel Level Sensor</i> |
| Variant(s): | <i>N/A</i> |
| 3. Means of identification of type, if marked on the component: | <i>Factory number and model type engraved with fiber laser</i> |
| 3.1 Location of that marking: | <i>Factory number printed on the lateral side of the housing to the right of the wire (front view), model type printed on the front side of the housing</i> |
| 4. Category of vehicle: | <i>See Appendix</i> |
| 5. Name and address of manufacturer: | <i>Omnicom OÜ,
A-A Tiimanni 1, 21004 Narva,
Estonia</i> |
| 6. In the case of components and separate technical units, location and method of affixing of the ECE approval mark: | <i>On the label on the front side of housing engraved with fiber laser</i> |
| 7. Address(es) of assembly plant(s): | <i>Omnicom Technologies LLC,
Office 201, Corp. 1, Fabrichnaya str.,
Schelkovo, Moscow Region, 141101,
Russian Federation</i> |



Approval No: E24*10R05/01*2949*00

- | | |
|--|---|
| 8. Additional information (where applicable): | <i>See appendix</i> |
| 9. Technical service responsible for carrying out the tests: | <i>Compliance Engineering Ireland Ltd
Clonross Lane, Derrockstown, Dunshaughlin
Co Meath, Ireland</i> |
| 10. Date of test report: | <i>07.08.2019</i> |
| 11. Number of test report: | <i>19E8076-4</i> |
| 12. Remarks (if any): | <i>See Appendix</i> |
| 13. Place: | <i>Dublin</i> |
| 14. Date: | <i>14th August, 2019</i> |
| 15. Signature: |  |
|  | |
| 16. The index to the information package lodged with the approval authority, which may be obtained on request is attached. | |

Omnicom LLS-Ex 5 and Power Protection Unit BIS-MX

Declaration of CE Conformity

OMNICOMM
FUELLING YOUR BUSINESS



DECLARATION OF CONFORMITY

No 01/2020/001

We hereby declare under our sole responsibility, that the following product

Product:

**OMNICOMM LLS-Ex 5
FUEL LEVEL SENSOR
and BIX-MX POWER
PROTECTION UNIT**

Product description and technical specifications:

Digital fuel level sensor for fuel telematics

power: 12-24 VDC

data interface: digital output EIA-485

digital output RS-232

probe length: 700, 1000, 1500, 2000, 2500, 3000,
4000, 5000, 6000 mm

is conformity with standards

CLAUSES 6.5, 6.6, 6.7, 6.8 and 6.9 of E/ECE REGULATION No. 10, REVISION 5
with Amendment 1, which is confirmed by the test report 19E8077-2 by the Compliance
Engineering Ireland Ltd

Year of affixing CE mark : 2020
Issued by : OMNICOMM OÜ
Date : 14.01.2020
Place : Narva, Estonia

Signature :

Irina Eidemiller
Member of the Board

OMNICOMM OÜ

E-Mark Certificate for Omnicomm LLS-Ex 5 and BIS-MX



ECE TYPE-APPROVAL CERTIFICATE



Communication Concerning: Approval granted
Approval extended
Approval refused
Approval withdrawn
Production definitively discontinued

Of a type of electrical/electronic sub-assembly with regard to Regulation No.10.

Approval No: E24*10R05/01*3078*00

Reason for extension:

-N/A

1. Make (trade name of manufacturer):

OMNICO MM

2. Type and general commercial description:

**OMNICO MM LLS-Ex 5 FUEL LEVEL
SENSOR and BIS-MX POWER
PROTECTION UNIT**

*Measurement of fuel level, temperature and
permittivity*

3. Means of identification of type, if marked on the
component:

***Factory number and model type engraved
with fiber laser***

3.1 Location of that marking:

***For BIS-MX, the factory number and model
are printed on the back side of the BIS-MX
housing. For LLS-Ex 5, the model type is
printed on the front side of the housing, and
the factory number on the lateral side***

4. Category of vehicle:

N/A

5. Name and address of manufacturer:

**OMNICO MM OU
A-A Tiimanni, 1, 21004 Narva,
Estonia**

6. In the case of components and separate technical units,
location and method of affixing of the ECE approval mark:

***For LLS-Ex 5: on the label on the front
side of the housing engraved with fiber
laser***

***For BIS-MX: on the label on the back side
of the housing engraved with laser***

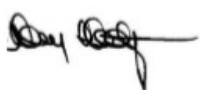

7. Address(es) of assembly plant(s):

**OMNICO MM TECHNOLOGIES LLC
Office 201, Corp. 1, Build. 1, Fabrichnaya
str., Schelkovo, Moscow Region, 141101,
Russian federation**

Omnicomm LLS-Ex 5 and Power Protection Unit BIS-MX



Approval No: E24*10R05/01*3078*00

- | | |
|--|--|
| 8. Additional information (where applicable): | <i>See appendix</i> |
| 9. Technical service responsible for carrying out the tests: | <i>Compliance Engineering Ireland Ltd
CLONROSS LANE, DERROCKSTOWN,
DUNSHAUGHLIN,
CO MEATH,
IRELAND</i> |
| 10. Date of test report: | <i>09.01.2020</i> |
| 11. Number of test report: | <i>19E8077-2</i> |
| 12. Remarks (if any): | <i>See Appendix</i> |
| 13. Place: | <i>Dublin</i> |
| 14. Date: | <i>14th January, 2020</i> |
| 15. Signature:  |  |
16. The index to the information package lodged with the approval authority, which may be obtained on request is attached.

Terminals

Terminals

Omnicom Light 3.1 On-board Terminal

CE Certificate of Compliance



Certificate of Compliance

Issue Date: 18th December, 2018

Report No.: 18E7778-1 Issued December 2018
18S7693-2 Issued December 2018

This is to certify that the following designated product

Product: Light 3.1 Terminal

Trade name: Omnicomm OU

Model Number: Light 3.1 Terminal

Company Name: Omnicomm OU

This product, which has been issued with the test report listed as above by Compliance Engineering Ireland Ltd is confirmed to comply with the requirements of the following standards.

Standards

EMC:



- EN 303 446-1 V1.1.0
- EN 301 489-1 V2.1.0
- EN 301 489-52 V1.1.0

Safety:


- EN 62368-1: 2014


John McAuley
Managing Director

Anatel Certificate of Conformity

 CERTIFICADO DE CONFORMIDADE CERTIFICATE OF CONFORMITY	
Associação Versys de Tecnologia Av. José Rocha Bomfim No 214, BL D, UM 126 – Loteamento Center Santa Genebra, Campinas-SP, Cep: 13080-650, Brasil Fone/Phone: 19 3203-2278 – E-mail: versys@versys.org.br www.versys.org.br	
Número do Certificado / Certificate Number: Versys 2147 Modelo / Model: Light 3.1	Data Certificação / Certification Date: 04/01/2019 Data Validade / Expiry Date: 04/01/2020 Data Manutenção / Renewal Date: – Data Emissão / Issue Date: 04/01/2019
Solicitante / Solicitant: Omnicomm Brasil Desenvolvimento de Softwares e Hardwares Ltda. Av. Paulista, 807, Conj 522, Bela Vista, CEP 01.311-100, São Paulo-SP CNPJ: 29.989.345/0001-00	
Fabricante (Detentor da Tecnologia) / Manufacturer (Product Owner): Omnicomm Technologies LLC Room 85, office 14, Edifício 3, Olkhovaya street, Vidnoe town, Leninsky region, Moscow province (oblast) 142701, Russia	
Tipo de Produto / Product Classification: Estação Terminal de Acesso	
Categoria / Category: I	
Especificações Técnicas Básicas / Technical Specifications: Estação Terminal de Acesso com tecnologia 2G, do tipo rastreador, a ser instalada em cabines para monitoramento de veículos. Transmite e recebe dados GPRS. Vide tabela na página 02	
Normas aplicáveis / Applicable Standards: 3GPP TS 51.010-1 V6.5.0 (2005-11), Resolução nº 454, ATO 1120 e ATO 950.	
A Versys Certificações, Organismo de Certificação Designado pela ANATEL informa que o produto acima está em conformidade com a regulamentação vigente. Versys Certificações, a Certification Body Designated by ANATEL states that the product above mentioned is in conformity with the current ANATEL regulation.	
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> WILLIAM GARCIA PIRES:046 98478677 William Garcia Pires Diretor Presidente President </div> <div style="font-size: small;"> Assinado de forma digital por WILLIAM GARCIA PIRES:04698478677 DN: c=BR, o=CP-Brasil, ou=Secretaria da Receita Federal do Brasil - RFB, ou=RFB e CPF A3, ou=EMBRANCO, ou=Autenticado por AR Insurance, cn=WILLIAM GARCIA PIRES:04698478677 Dades: 2019.01.04 15:28:22 -02'00' </div> <div>  </div> </div>	

Terminals



CERTIFICADO DE CONFORMIDADE CERTIFICATE OF CONFORMITY

Faixa de Frequência / Frequency Range (MHz)	Potência Máxima de Saída / Maximum Output Power (W)	Designação de Emissões / Designation of Emissions	SAR Cabeça / Head SAR (W/kg)	SAR Corpo / Body SAR (W/kg)	Tecnologia / Technology
824 a 849	1,517	200KG7W	----	----	GSM 850
824 a 849	0,587	200KG7W	----	----	GPRS 850
898,5 a 901 e 907,5 a 915	1,459	200KG7W	----	----	GSM 900
898,5 a 901 e 907,5 a 915	0,560	200KG7W	----	----	GPRS 900
1710 a 1785	0,993	200KG7W	----	----	GSM 1800
1710 a 1785	0,392	200KG7W	----	----	GPRS 1800
1895 a 1900	0,989	200KG7W	----	----	GSM 1900
1895 a 1900	0,327	200KG7W	----	----	GPRS 1900

Ensaio de SAR não aplicável, pois o produto não é um terminal portátil e, quando em operação, fica a uma distância maior que 20 cm do corpo.
Este produto não implementa o protocolo IPv6 (Opera somente com 2G).
O produto possui antenas interna.

Laboratórios e Relatórios de Ensaio / Laboratories and Test Reports:
Instituto de Pesquisa Eldorado (www.eldorado.org.br)

Número do(s) Relatório(s) / Test Report Numbers:
LET-ID 2395-4211-02 - 02.00 (Pt) - (04/01/2019);
LET-ID 2395-4964-01 - 02.00 (Pt) - (04/01/2019);
LET-EMC-RE 2395-4211-02-C - 01.00 (Pt) - (21/09/2018);
LET-SEG-RE 2395-4964-01-C - 01.00 (Pt) - (18/12/2018);
LET-C2G-RE 2395-4211-01-C [850] - 01.00 (Pt) - (26/12/2018);
LET-C2G-RE 2395-4211-01-C [900] - 01.00 (Pt) - (26/12/2018);
LET-C2G-RE 2395-4211-01-C [1800] - 01.00 (Pt) - (26/12/2018);
LET-C2G-RE 2395-4211-01-C [1900] - 01.00 (Pt) - (26/12/2018).

Informações Adicionais / Additional Information:
NA

Unidades Fabris / Factories:
Omnicom Technologies LLC
Fabrichnaya 1, Shchelkovo, 141101, Russia

Especificações Técnicas Complementares / Complementary Technical Specifications:
Alimentação: 12 Vdc via bateria automotiva e bateria interna de backup do tipo LiPo (650 mAh).

Observações / Observations:
Este Certificado é baseado em ensaio de tipo e avaliações periódicas, sendo este válido apenas para os produtos idênticos àqueles submetidos aos ensaios. Quaisquer modificações nos projetos a nível de hardware/software que descaracterizem o produto já ensaiado, sem consentimento e autorização da Versys Certificações, invalidarão este Certificado.

A comercialização do produto somente estará autorizada após a emissão da Homologação da ANATEL.

Histórico / History:

Processo / Process	Revisão / Revision	Data / Date	Descrição / Description
3300-17-01-IN-R0	00	04/01/2019	Emissão Inicial

FOR-Versys-006-CERTIFICADO DO PRODUTO. REV05
2/2

E-Mark Certificate for Omnicomm Light 3.1 Terminal



ECE TYPE-APPROVAL CERTIFICATE



Communication Concerning: ~~Approval granted~~
~~Approval extended~~
~~Approval refused~~
~~Approval withdrawn~~
~~Production definitively discontinued~~

Of a type of electrical/electronic sub-assembly with regard to Regulation No.10.

Approval No: E24*10R05/01*2728*00

Reason for extension: -N/A

- | | |
|--|--|
| 1. Make (trade name of manufacturer): | <i>Omnicomm</i> |
| 2. Type and general commercial description: | <i>Light 3.1 Terminal</i>
<i>Fleet management terminal</i> |
| Variant(s): | <i>N/A</i> |
| 3. Means of identification of type, if marked on the component: | <i>Model number printed on the label under the protection seal (rim)</i> |
| 3.1 Location of that marking: | <i>CE and E-mark on the protecting cover (rim), other information from the manufacturer easily accessible under the rim.</i> |
| 4. Category of vehicle: | <i>See Appendix</i> |
| 5. Name and address of manufacturer: | <i>Omnicomm OÜ,</i>
<i>A-A Tümanni 1, 21004 Narva,</i>
<i>Estonia</i> |
| 6. In the case of components and separate technical units, location and method of affixing of the ECE approval mark: | <i>On the label on the protection cover (rim)</i> |
| 7. Address(es) of assembly plant(s): | <i>Omnicomm Technologies LLC,</i>
<i>Office 201, Corp. 1, Fabrichnaya str.,</i>
<i>Schelkvoco, Moscow Region, 141101,</i>
<i>Russian Federation</i> |

Terminals



Approval No: E24*10R05/01*2728*00

- | | |
|--|---|
| 8. Additional information (where applicable): | <i>See appendix</i> |
| 9. Technical service responsible for carrying out the tests: | <i>Compliance Engineering Ireland Ltd
Clonross Lane, Derrockstown, Dunshaughlin
Co Meath, Ireland</i> |
| 10. Date of test report: | <i>09.01.2019</i> |
| 11. Number of test report: | <i>18E7778-1</i> |
| 12. Remarks (if any): | <i>See Appendix</i> |
| 13. Place: | <i>Dublin</i> |
| 14. Date: | <i>22nd January, 2019</i> |
| 15. Signature: | 
 |
| 16. The index to the information package lodged with the approval authority, which may be obtained on request is attached. | |

Omnicommm On-board Terminals Optim, Profi 2.0

Declaration of CE Conformity



Certificate of Conformity

Number: C223-0038/15 Project file: C20152418

Product: Terminal

Type reference: Omnicomm Profi, Omnicomm Optim

Trademark: OMNICOMM

Applicant: OMNICOMM OÜ

A-A. Tiimanni 1,
EE-21004 Narva, Estonia

Manufacturer: OMNICOMM TECHNOLOGIES LLC,
Polyanka B., 7/10. Building 3, corpus 2, office 17,
RU-119180 Moscow, Russian Federation

Place of manufacture: OMNICOMM TECHNOLOGIES LLC,
Polyanka B., 7/10. Building 3, corpus 2, office 17,
RU-119180 Moscow, Russian Federation

This certificate is granted subject to the SIQ's rules on product certification. SIQ certifies the conformity of the products with the requirements of the listed standards.

Ratings: Input Omnicomm Optim: 10-48 Vdc; 350 mA max.
Input Omnicomm Profi: 10-48 Vdc; 500 mA max.

Standard: EN 60950-1:2006 + A1:2010 + A2:2013 + A11:2009 + A12:2011

Test report: T223-0441/15

Remarks: This certificate shall apply to the products identical to the tested sample and shall remain valid for the period of 3 years until 2018-11-23 or until the validity date of the listed standards, whichever occurs earlier.

Date: 2015-11-23

Authorized signature:

Bojan Pečavar

Only integral publication of this certificate is allowed. This certificate may only be reproduced in its entirety and without any changes. On request SIQ will give information about the validity of the certificate.

SIQ Ljubljana, Tržaška cesta 2, SI-1000 Ljubljana, Slovenia
T +386 1 4778 100, F +386 1 4778 444, info@siq.si, www.siq.si

TN406E-01

E-Mark Omnicomm Terminals Profi 2.0

JAVNA AGENCIJA REPUBLIKE SLOVENIJE
ZA VARNOST PROMETA

SLOVENIAN TRAFFIC SAFETY AGENCY

AVP, Kotnikova ulica 19a, SI-1000 Ljubljana, tel.: 01 400 8430, vozila@avp-rs.si
STSA, Kotnikova ulica 19a, SI-1000 Ljubljana, tel.: +386 1 400 8430, vozila@avp-rs.si
37141-123/2015/04



SPOROČILO O PODELJENI HOMOLOGACIJI COMMUNICATION CONCERNING APPROVAL GRANTED

za tip elektronskega podsklopa skladno s Pravilnikom ECE 10 R, Amandma 05, dopolnilo 00
of a type of electronic sub-assembly with regard to Regulation No. 10 R, Amendment 05, Supplement 00

Homologacijska št.: **E26 10 R 05 1193**
Approval No.:


Razširitev št.: **00**
Extension No.:

- | | |
|--|---|
| 1. Znamka (blagovna znamka proizvajalca):
<i>Make (trade name of manufacturer):</i> | OMNICOMM |
| 2. Tip in splošna(e) trgovska(e) oznaka(e):
<i>Type and general commercial description(s):</i> | OMNICOMM OPTIM, OMNICOMM PROFI,
TERMINAL |
| 3. Način identifikacije tipa, če je oznaka
na sestavnem delu:
<i>Means of identification of type, if marked
on the component:</i> | oznaka tipa
<i>type marking</i> |
| 3.1 Mesto te oznake:
<i>Location of that marking:</i> | na ohišju
<i>on the housing</i> |
| 4. Kategorija vozila:
<i>Category of vehicle:</i> | ni navedeno
<i>no specification</i> |
| 5. Ime in naslov proizvajalca:
<i>Name and address of manufacturer:</i> | OMNICOMM TECHNOLOGIES LLC
Polyanka B., 7/10, Building 3,
Corpus 2, Office 17
119180 MOSCOW
Russian Federation |
| 6. Za sestavne dele in samostojne tehnične enote mesto
in način namestitve oznake ECE homologacije:
<i>In the case of components and separate technical units,
location and method of affixing of the ECE approval mark:</i> | nalepka, na spodnji strani ohišja
<i>label, on the bottom side of housing</i> |
| 7. Naslov(i) proizvodne(ih) tovarn(e):
<i>Address(es) of assembly plant(s):</i> | Polyanka B., 7/10, Building 3,
Corpus 2, Office 17
119180 MOSCOW
Russian Federation |

Omnicom On-board Terminals Optim, Profi 2.0

AVP
STSA

HOMOLOGACIJA ŠT.
TYPE-APPROVAL NO.


 10 R 05 1193*00

- | | |
|---|--|
| 8. Dodatni podatki (po potrebi):
<i>Additional information (where applicable):</i> | Glej dodatek
<i>See appendix</i> |
| 9. Tehnična služba pristojna za homologacijske
preskuse:
<i>Technical Service responsible for carrying out
the tests:</i> | SIQ Ljubljana
TRŽAŠKA CESTA 2
1000 LJUBLJANA
Slovenia |
| 10. Datum poročila o preskusu:
<i>Date of test report:</i> | 01.02.2016 |
| 11. Številka poročila o preskusu:
<i>Number of test report:</i> | T251-0834/15 M1 |
| 12. Opombe (če so):
<i>Remarks (if any):</i> | Glej dodatek
<i>See appendix</i> |
| 13. Kraj:
<i>Place:</i> | 1000 LJUBLJANA |
| 14. Datum:
<i>Date:</i> | 17.03.2016 |
| 15. Podpis:
<i>Signature:</i> | mag. Tomaž Svetina, univ.dipl.inž.
vodja sektorja za vozila
 |
16. Temu sporočilu je priložen seznam dokumentov, ki so deponirani pri homologacijskem organu, ki je odobril to homologacijo in jih je na zahtevo mogoče dobiti:
glej kazalo opisne dokumentacije št. E1193 Rev.00
The list of documents deposited with the Administrative Service which has granted approval is annexed to this communication and may be obtained on request:
see index to information package No E1193 Rev.00
17. Razlogi za razširitev:
Reasons for extension: /



AVP
STSA

HOMOLOGACIJA ŠT.
TYPE-APPROVAL NO.

 10 R 05 1193*00

Dodatek k sporočilu o homologaciji št.: E26 10 R 05 1193*00
glede homologacije električnega/elektronskega podsklopa po Pravilniku ECE 10 R.
*Appendix to type-approval communication form No.: E26 10 R 05 1193*00*
concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10 R.


1. Dodatne informacije
Additional information
 - 1.1 Nazivna napetost električnega sistema : 10-48 V DC
Electrical system rated voltage:

Ozemljitveni priključek pozitiven/negativen: negativen
Ground positive/negative: negative
 - 1.2 Ta EPS se lahko uporablja na katerem koli tipu vozila, ob upoštevanju naslednjih omejitev: ni omejitev
This ESA can be used on any vehicle type with the following restrictions: no restrictions
 - 1.2.1 Pogoji za vgradnjo, če so: glej proizvajalčeva navodila za uporabo
Installation conditions, If any: see manufacturer's instruction manual
 - 1.3 Ta EPS se lahko uporablja samo na naslednjih tipih vozil: ni omejitev
This ESA can be used only on the following vehicle types: no restrictions
 - 1.3.1 Pogoji za vgradnjo, če so: /
Installation conditions, If any:
 - 1.4 Uporabljene posebne preskusne metode in frekvenčna območja pri določanju odpornosti (Navedi točno metodo po Prilogi 9): glej točko 4 poročila o preskusu
The specific test method(s) used and frequency ranges covered to determine immunity were: (Please specify precise method used from Annex 9): T251-0834/15 M1

see point 4 of the test report
T251-0834/15 M1
 - 1.5 Laboratorij, akreditiran po ISO 17025 in priglasi pri homologacijskem organu, pristojen za izvajanje preskusov: SIQ EMC
Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the test: TRPINČEVA 37A
1000 LJUBLJANA
Slovenia
2. Opombe: glej točko 1 poročila o preskusu
Remarks: T251-0834/15 M1
see point 1 of the test report
T251-0834/15 M1

AVP
STSA

HOMOLOGACIJA ŠT.
TYPE-APPROVAL NO.

 10 R 05 1193*00

Ta homologacija se uporablja za tip serijsko izdelanih električnih/elektronskih podsklopov (EPS) pod naslednjimi pogoji:

Posamezni proizvodi iz serijske proizvodnje morajo ustrezati najmanj vsem zahtevam pravilnika ECE 10 R, amandma 05, dopolnilo 00, "Enotne določbe za homologacijo vozil glede na elektromagnetno združljivost".

Priloženo poročilo o preskusu in risbe so sestavni del te homologacije.

Vsak proizvod mora biti čitljivo in trajno označen s:

- homologacijsko oznako.

Temu tipu proizvoda se dodeli naslednja homologacijska oznaka:

 10 R - 05 1193

Homologacijska oznaka na proizvodu mora po izvedbi in velikosti ustrezati zahtevam pravilnika ECE 10 R.05.

S tem homologacijskim znakom so lahko označeni samo tisti proizvodi, ki v celoti ustrezajo homologacijski dokumentaciji.

Homologacijska oznaka na proizvodu mora biti nameščena na mestu, ki je označeno v homologacijski dokumentaciji. Za oznake na električnih/elektronskih podsklopih, skladne z odstavki zgoraj, ni potrebno, da so vidne po vgradnji električnega/elektronskega podsklopa v vozilo.

Pri električnih/elektronskih sistemih, vgrajenih v vozila, ki so homologirana kot enote, oznaka ni potrebna.

Proizvod je lahko označen tudi s tujo homologacijsko ali drugo oznako, če s tem ni motena razpoznavnost in čitljivost homologacijske oznake, ki jo je dodelil slovenski homologacijski organ.

Na proizvodu ne sme biti oznak, ki bi lahko privedle do zamenjave z uradno dodeljeno oznako.

Kakršnekoli spremembe na proizvodu so dovoljene samo na podlagi posebnega dovoljenja homologacijskega organa.

Veljavnost homologacije preneha z vrnitvijo ali z odvzemom. Homologacija se odvzame, če pogoji za podelitev in obstoj homologacije ne obstajajo več, če lastnik homologacije krši obveznosti, povezane s homologacijo, oziroma če se ugotovi, da homologirani proizvod ne ustreza več veljavnim predpisom.

Proizvajalec je dolžan stalno kontrolirati kakovost homologiranega proizvoda in njegovo skladnost s homologacijsko dokumentacijo. O tej kontroli je dolžan voditi evidenco in omogočiti vpogled v zapiske nadzornemu organu, ki ga določi homologacijski organ. V primeru ugotovitve neskladnosti s homologacijsko dokumentacijo je proizvajalec dolžan o tem takoj obvestiti homologacijski organ.

Homologacijski organ lahko kadarkoli preverja pravilno izvajanje pooblastil, dodeljenih s to homologacijo, in v ta namen tudi izbira vzorce za ponovni preskus. Stroške takšnih pregledov in presojo skladnosti proizvodnje, se zaračunajo proizvajalcu.


Vsako spremembo oznake proizvajalca, naslova ali proizvodne tovarne oziroma pri homologaciji imenovane pooblaščen osebe je treba takoj sporočiti homologacijskemu organu.

Pravice, podeljene s to homologacijo, so neprenosljive. Pravice tretjih s to homologacijo niso prizadete.

Omnicom On-board Terminals Optim, Profi 2.0

AVP
STSA

HOMOLOGACIJA ŠT.
TYPE-APPROVAL NO.

 10 R 05 1193*00

V primerih, da se proizvodnja ali prodaja proizvoda ne začne v roku enega leta od podelitve homologacije, da se proizvodnja ali prodaja prekine za več kot eno leto oziroma, da se predvideva taka prekinitve, je o tem treba takoj obvestiti homologacijski organ.

O začetku proizvodnje ali začetku prodaje oziroma njihovem ponovnem začetku je treba obvestiti homologacijski organ najkasneje v enem mesecu.

Neupoštevanje zgoraj navedenih določil lahko povzroči odvzem homologacije in se kazensko preganja.

Pravno razlago v zvezi s to homologacijo lahko daje samo homologacijski organ.


17.03.2016



mag. Tomaž Svetina, univ.dipl.inž.
vodja sektorja za vozila

AVP
STSA

HOMOLOGACIJA ŠT.
TYPE-APPROVAL NO.

 10 R 05 1193*00

This Approval shall apply to a type of electrical/electronic sub assemblies (ESA) from serial production under the following conditions:

Individual products from serial production shall comply at least with all requirements set out in the Regulation No. 10 R, Amendment 05, Supplement 00 "Uniform provisions concerning the approval of vehicles with regard to electromagnetic compatibility".

The attached test report and drawings shall be a constituent part of this Approval.

Every product shall be marked with a readable and durable:

- approval marking.

This type of product shall be allotted the following approval marking:

 10 R - 05 1193

The design and size of the approval marking shall meet the requirements of the Regulation No. 10 R.

Only products which fully comply with the approval documentation may bear the allotted approval mark.

The approval marking on the product must be attached at the place indicated in the approval documentation. Markings on ESAs in conformity with paragraphs above need not be visible when the ESA is installed in the vehicle.

No marking is required for electrical/electronic systems built into vehicles which are approved as units.

The product may also be marked with a foreign approval or other marking, provided that the identifiability and readability of the approval marking granted by the Slovenian Type Approval Authority is not affected.

The product shall not bear any markings that may lead to confusion with the officially allotted marking.

Changes of any kind performed on the product shall be subject to special permission by the Slovenian Type Approval Authority.

The Approval will become ineffective when returned or withdrawn. The Approval shall be withdrawn: should the conditions for its granting and existence no longer exist, should the owner of the Approval break his obligations related to the Approval, or when it has been established that the approved product no longer complies with the applicable regulations.

The manufacturer shall regularly inspect the quality of the approved product as well as its conformity with the approval documentation. He shall keep record of this inspection and allow to the surveillance body appointed by the Slovenian Type Approval Authority access to the records. Should any non-conformities be found with respect to the approval documentation, the manufacturer shall immediately inform thereof the Slovenian Type Approval Authority.

Any time, the Slovenian Type Approval Authority may check the correct implementation of the authorizations appointed through this Approval, and for this purpose also select samples for a repeated test. The costs of such checks and conformity of production assessments are charged to the manufacturer.


Any changes regarding the manufacturer's marking, the address or the production plant, or the authorized person appointed through this Approval, shall be forthwith notified to the Slovenian Type Approval Authority.

The rights granted through this Approval shall be untransferrable. The rights of third persons shall not be affected through this Approval.

Omnicom On-board Terminals Optim, Profi 2.0

AVP
STSA

HOMOLOGACIJA ŠT.
TYPE-APPROVAL NO.

 10 R 05 1193*00

In the case where the production or sale of the product does not start within one year after the granting of the Approval, or the production or sale is interrupted for a period longer than one year, or such interruption is foreseen, the Slovenian Type Approval Authority shall be immediately notified.

The Slovenian Type Approval Authority shall be notified of the start of production or start of sale, or its restart, within a month's time at the latest.

Non-compliance with above stated provisions may result in withdrawal of the Approval and will be prosecuted.



Legal explanations in relation with this Approval may only be given by the Slovenian Type Approval Authority.


17.03.2016



Tomaž Svetina, M.Sc.Eng.
Head of Vehicle department

Anatel Certificate of Conformity for Omnicomm Optim 3.0 On-board Terminal

	
CERTIFICADO DE CONFORMIDADE CERTIFICATE OF CONFORMITY	
Associação Versys de Tecnologia Av. José Rocha Bomfim No 214, BL D, UM 126 – Loteamento Center Santa Genebra, Campinas-SP, Cep: 13080-650, Brasil Fone/Phone: 19 3203-2278 – E-mail: versys@versys.org.br www.versys.org.br	
Número do Certificado / Certificate Number: Versys 2146	Data Certificação / Certification Date: 04/01/2019
Modelo / Model: Optim 3.0	Data Validade / Expiry Date: 04/01/2020
	Data Manutenção / Renewal Date: -
	Data Emissão / Issue Date: 04/01/2019
Solicitante / Solicitant: Omnicom Brasil Desenvolvimento de Softwares e Hardwares Ltda. Av. Paulista, 807, Conj 522, Bela Vista, CEP 01.311-100, São Paulo-SP CNPJ: 29.989.345/0001-00	
Fabricante (Detentor da Tecnologia) / Manufacturer (Product Owner): Omnicom Technologies LLC Room 85, office 14, Edifício 3, Olkhovaya street, Vidnoe town, Leninsky region, Moscow province (oblast) 142701, Russia	
Tipo de Produto / Product Classification: Estação Terminal de Acesso	
Categoria / Category: I	
Especificações Técnicas Básicas / Technical Specifications: Estação Terminal de Acesso com tecnologia 2G, do tipo rastreador, a ser instalada em cabines para monitoramento de veículos. Transmite e recebe dados GPRS. Vide tabela na página 02.	
Normas aplicáveis / Applicable Standards: 3GPP TS 51.010-1 V6.5.0 (2005-11), Resolução nº 454, ATO 1120 e ATO 950.	
A Versys Certificações, Organismo de Certificação Designado pela ANATEL informa que o produto acima está em conformidade com a regulamentação vigente. Versys Certificações, a Certification Body Designated by ANATEL states that the product above mentioned is in conformity with the current ANATEL regulation.	
<div><div>WILLIAM GARCIA PIRES:046 98478677</div><div><small>Assinado de forma digital por WILLIAM GARCIA PIRES:04698478677 DN: c=BR, o=ICP-Brasil, ou=Secretaria da Receita Federal do Brasil - RFB, ou=RFB eICP, AL, ou=SEM BRANCO, ou=Autenticado por AR - Insurance: cn=WILLIAM GARCIA PIRE:04698478677 Dado: 2019.01.04 15:55:58 +02'00'</small></div></div> <div>William Garcia Pires Diretor Presidente President</div> <div> Agência Nacional de Telecomunicações</div>	
1/2	



CERTIFICADO DE CONFORMIDADE
CERTIFICATE OF CONFORMITY

Faixa de Frequência / Frequency Range (MHz)	Potência Máxima de Saída / Maximum Output Power (W)	Designação de Emissões / Designation of Emissions	SAR Cabeça / Head SAR (W/kg)	SAR Corpo / Body SAR (W/kg)	Tecnologia / Technology
824 a 849	1,517	200KG7W	----	----	GSM 850
824 a 849	0,587	200KG7W	----	----	GPRS 850
898,5 a 901 e 907,5 a 915	1,459	200KG7W	----	----	GSM 900
898,5 a 901 e 907,5 a 915	0,560	200KG7W	----	----	GPRS 900
1710 a 1785	0,993	200KG7W	----	----	GSM 1800
1710 a 1785	0,392	200KG7W	----	----	GPRS 1800
1895 a 1900	0,989	200KG7W	----	----	GSM 1900
1895 a 1900	0,327	200KG7W	----	----	GPRS 1900

Ensaio de SAR não aplicável, pois o produto não é um terminal portátil e, quando em operação, fica a uma distância maior que 20 cm do corpo.
Este produto não implementa o protocolo IPv6 (Opera somente com 2G).
O produto permite conexão de antenas externa destacável para GPS (modelo: ATM GPS/GLONASS-C84) e 2G (modelo ATM GSM-P1-3).

Laboratórios e Relatórios de Ensaio / Laboratories and Test Reports:
Instituto de Pesquisa Eldorado (www.eldorado.org.br)

Número do(s) Relatório(s) / Test Report Numbers:
LET-ID 2395-4211-01 - 02.00 (Pt) - (04/01/2019);
LET-ID 2395-4964-02 - 02.00 (Pt) - (04/01/2019);
LET-EMC-RE 2395-4211-01-C - 01.00 (Pt) - (20/12/2018);
LET-SEG-RE 2395-4964-02-C - 01.00 (Pt) - (20/12/2018);
LET-C2G-RE 2395-4211-01-C [850] - 01.00 (Pt) - (26/12/2018);
LET-C2G-RE 2395-4211-01-C [900] - 01.00 (Pt) - (26/12/2018);
LET-C2G-RE 2395-4211-01-C [1800] - 01.00 (Pt) - (26/12/2018);
LET-C2G-RE 2395-4211-01-C [1900] - 01.00 (Pt) - (26/12/2018).

Informações Adicionais / Additional Information:
NA

Unidades Fabris / Factories:
Omnicom Technologies LLC
Fabrichnaya 1, Shchelkovo, 141101, Russia

Especificações Técnicas Complementares / Complementary Technical Specifications:
Alimentação: 12Vdc via bateria automotiva e bateria interna de backup do tipo LiPo (1400 mAh).

Observações / Observations:
Este Certificado é baseado em ensaio de tipo e avaliações periódicas, sendo este válido apenas para os produtos idênticos àqueles submetidos aos ensaios. Quaisquer modificações nos projetos a nível de hardware/software que descaracterizem o produto já ensaiado, sem consentimento e autorização da Versys Certificações, invalidarão este Certificado.

A comercialização do produto somente estará autorizada após a emissão da Homologação da ANATEL.

Histórico / History:

Processo / Process	Revisão / Revision	Data / Date	Descrição / Description
3011-17-01-IN-R0	00	04/01/2018	Emissão Inicial

FOR-Versys-006-CERTIFICADO DO PRODUTO. REV05

2/2

Omnicom Profi 3.0, Profi 3.0 Wi-Fi On-board Terminals

CE Certificate of Compliance



Certificate of Compliance

Issue Date: 19th December, 2018

Report No.: 18E7688-1 Issued December 2018
18S7690-2 Issued December 2018

This is to certify that the following designated product

Product: Profi 3.0, Profi 3.0 Wi-Fi Terminal

Trade name: Omnicomm OU

Model Number: Profi 3.0, Profi 3.0 Wifi Terminal

Company Name: Omnicomm OU

This product, which has been issued with the test report listed as above by Compliance Engineering Ireland Ltd is confirmed to comply with the requirements of the following standards.

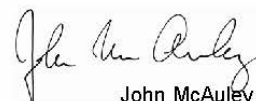
Standards

EMC:

- EN 303 446-1 V1.1.0
- EN 301 489-1 V2.1.0
- EN 301 489-52 V1.1.0

Safety:

- EN 62368-1: 2014


John McAuley
Managing Director

E-Mark Certificate for Omnicomm Profi 3.0, Profi 3.0 Wi-Fi Terminals



ECE TYPE-APPROVAL CERTIFICATE



Communication Concerning: ~~Approval granted~~
~~Approval extended~~
~~Approval refused~~
~~Approval withdrawn~~
~~Production definitively discontinued~~

Of a type of electrical/electronic sub-assembly with regard to Regulation No.10.

Approval No: **E24*10R05/01*2727*00**

Reason for extension: **-N/A**

- | | |
|--|--|
| 1. Make (trade name of manufacturer): | <i>Omnicom</i> |
| 2. Type and general commercial description: | <i>Profi 3.0 Wi-Fi Terminal</i>
<i>Fleet management terminal</i> |
| Variant(s): | <i>Profi 3.0 Wi-Fi Terminal</i>
<i>Profi 3.0 Terminal</i> |
| 3. Means of identification of type, if marked on the component: | <i>Model number printed on the bottom and front sides of the housing</i> |
| 3.1 Location of that marking: | <i>On the bottom side of the housing</i> |
| 4. Category of vehicle: | <i>See Appendix</i> |
| 5. Name and address of manufacturer: | <i>Omnicom OÜ,</i>
<i>A-A Tiimanni 1, 21004 Narva,</i>
<i>Estonia</i> |
| 6. In the case of components and separate technical units, location and method of affixing of the ECE approval mark: | <i>On the label on the bottom side of the housing</i> |
| 7. Address(es) of assembly plant(s): | <i>Omnicom Technologies LLC,</i>
<i>Office 201, Corp. 1, Fabrichnaya str.,</i>
<i>Schelkovo, Moscow Region, 141101,</i>
<i>Russian Federation</i> |

Omnicom Profi 3.0, Profi 3.0 Wi-Fi On-board Terminals



Approval No: E24*10R05/01*2727*00

- | | |
|--|---|
| 8. Additional information (where applicable): | <i>See appendix</i> |
| 9. Technical service responsible for carrying out the tests: | <i>Compliance Engineering Ireland Ltd
Clonross Lane, Derrockstown, Dunshaughlin
Co Meath, Ireland</i> |
| 10. Date of test report: | <i>10.01.2019</i> |
| 11. Number of test report: | <i>18E7688-2</i> |
| 12. Remarks (if any): | <i>See Appendix</i> |
| 13. Place: | <i>Dublin</i> |
| 14. Date: | <i>22nd January, 2019</i> |
| 15. Signature:  |  |
16. The index to the information package lodged with the approval authority, which may be obtained on request is attached.

Auxiliary Equipment

Declaration of CE Conformity Omnicomm
DALCON



DECLARATION OF CONFORMITY

No 03/2015

We hereby declare under our sole responsibility, that the following product

Product:

Product description and technical specifications:

**Concentrator of
sensors DALCON**

Concentrator of sensors DALCON is intended to collect and process level data from 2xLLS sensors for further transmission the common data to the single input of AVL device

power: 10-50 VDC, max 30 mA

data interface: input 1xRS-232 + 2xEIA-485,
output 1xRS-232 + 2x analog
output (0..2,5 V; 0..5 V)

are in conformity with standards harmonized with directives

LVD : DIRECTIVE 2006/95/EC
EN 60950-1:2006+A11

EMC : DIRECTIVE 2004/108/EC
Amended by directives 2005/49/EC, 2005/83/EC, 2006/28/EC

ERP : DIRECTIVE 2009/125/EC

Year of affixing CE mark : 2012
Issued by : OMNICOMM OÜ
Date : 09.09.2015
Place : Narva, Estonia

Signature :

Irina Eidemiller
Member of the Board

OMNICOMM OÜ

www.omnicomm-online.com

A-A Tiimanni 1, Narva, 21004, Estonia, Tel: +372 3569590, e-mail: info@omnicomm-online.com

Declaration of CE Conformity Omnicomm Reusable Tool UNU

OMNICOMM
FUEL MONITORING FOR
TELEMATICS SOLUTIONS



DECLARATION OF CONFORMITY

No 04/2015

We hereby declare under our sole responsibility, that the following product

Product:

Product description and technical specifications:

Reusable tool UNU

Tuning interface tool for fuel level sensors LLS

power: input 240 VAC, 0.5 A;
output 15VDC, 1.2 A
data interface: input RS-232/EIA-485,
output RS-232/USB1.1

Service kit FM-4200

Cable adapter for connection Reusable tool UNU to AVL units

are in conformity with standards harmonized with directives

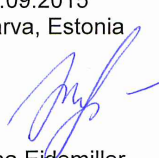
LVD : DIRECTIVE 2006/95/EC
EN 60950-1:2006+A11

EMC : DIRECTIVE 2004/108/EC
Amended by directives 2005/49/EC, 2005/83/EC, 2006/28/EC

ERP : DIRECTIVE 2009/125/EC

Year of affixing CE mark : 2011
Issued by : OMNICOMM OÜ
Date : 09.09.2015
Place : Narva, Estonia

Signature :


Irina Eidemiller
Member of the Board

OMNICOMM OÜ

www.omnicomm-online.com

A-A Tiimanni 1, Narva, 21004, Estonia, Tel: +372 3569590, e-mail: info@omnicomm-online.com

Declaration of CE Conformity Omnicomm LLD Indicator Display

OMNICOMM
FUEL MONITORING FOR
TELEMATICS SOLUTIONS



DECLARATION OF CONFORMITY

No 06/2015

We hereby declare under our sole responsibility, that the following product

Product:

**Indicator fuel
volume
Omnicomm
LLD**

Product description and technical specifications:

Indicator fuel volume LLD is an indicator displaying the current volume of remaining fuel in the tanks of the vehicle according to the data of LLS digital fuel level sensor.

power:	8-45 VDC, max 2W
data interface:	EIA-485,
transfer rate	1200..115200, default 19200 bps
operating conditions	-40 - +70°C IP41


is in conformity with standards harmonized with directives

LVD : DIRECTIVE 2006/95/EC
EN 60950-1:2006+A11

EMC : DIRECTIVE 2004/104/EC
amended by directives 2005/49/EC, 2005/83/EC, 2006/28/EC
DIRECTIVE 72/245 EEC
amended by DIRECTIVE 2009/19/EC

Year of affixing CE mark	:	2013
Issued by	:	OMNICOMM OÜ
Date	:	09.09.2015
Place	:	Narva, Estonia

Signature :


Irina Eidemiller
Member of the Board

OMNICOMM OÜ

www.omnicomm-online.com

A-A Tiimanni 1, Narva, 21004, Estonia, Tel: +372 3569590, e-mail: info@omnicomm-online.com

Declaration of CE Conformity Omnicomm BAK-Q Fuel Filler Security

OMNICOMM
FUEL MONITORING FOR
TELEMATICS SOLUTIONS



DECLARATION OF CONFORMITY

No 07/2015

We hereby declare under our sole responsibility, that the following products

Product:

BAK-Q 60 Fuel filler security
BAK-Q 80 Fuel filler security

Cabin Signaling module for
BAK-Q 60/80

Product description and technical specifications:

Fuel filler sensor
Power supply: 16 ... 32 VDC, max 35V;
Current draw: 35mA;
Operation temperature: -25...+80°C
Open Collector type signal parameters:
U_{max} = VOLTAGE of power supply;
I_{max} = 20 mA

Indicating module

are in conformity with the Rules ECE R 10.03 and Directive 2004/104/EC
that is affirmed by test report 0100/012en/BLE/2012 of PIMOT, Poland

Year of affixing CE mark : 2012
Issued by : OMNICOMM OÜ
Date : 09.09.2015
Place : Narva, Estonia
Signature :

Irina Eidemiller
Member of the Board

OMNICOMM OÜ

www.omnicomm-online.com

A-A Tiimanni 1, Narva, 21004, Estonia, Tel: +372 3569590, e-mail: info@omnicomm-online.com

Declaration of CE Conformity Cables 4013x

OMNICOMM
FUEL MONITORING FOR
TELEMATICS SOLUTIONS



DECLARATION OF CONFORMITY

No 08/2015

We hereby declare under our sole responsibility, that the following products

<u>Product:</u>	<u>Product description and technical specifications:</u>
4013X	Cables for connection LLS sensors to external or AVL device
	Power lines: 7,0..50,0VDC, 0.9 W
	data lines:
40130	RS-232/EIA-485
40131	Analog/frequency
40132	RS-232/analog
40133	EIA-485


are in conformity with standards harmonized with directives

LVD : DIRECTIVE 2006/95/EC
EN 60950-1:2006+A11

EMC : DIRECTIVE 2004/104/EC
amended by directives 2005/49/EC, 2005/83/EC, 2006/28/EC
DIRECTIVE 72/245 EEC
amended by DIRECTIVE 2009/19/EC

that is affirmed by the test report T251-0239/12 and T251-0279/12 by the SIQ, Slovenia

Year of affixing CE mark : 2012
Issued by : OMNICOMM OÜ
Date : 09.09.2015
Place : Narva, Estonia

Signature : 
Irina Eidemiller
Member of the Board

OMNICOMM OÜ

www.omnicomm-online.com

A-A Tiimanni 1, Narva, 21004, Estonia, Tel: +372 3569590, e-mail: info@omnicomm-online.com

Declaration of CE Conformity Omnicomm Temperature Sensor DT14V

OMNICOMM
FUEL MONITORING FOR
TELEMATICS SOLUTIONS



DECLARATION OF CONFORMITY

No 10/2015

We hereby declare under our sole responsibility, that the following product

Product:

**Temperature
sensor DT14V**

Product description and technical specifications:

DT14V temperature sensor is intended to perform measurement of surface temperature of machine parts, units or accessories.

power: 16-32 VDC

range of measuring temperature, °C: -40 to +130

data output interface: 0.8...14,4 V

is in conformity with standards harmonized with directives

LVD: DIRECTIVE 2006/95/EC

EMC: DIRECTIVE 2004/108/EC

ERP: DIRECTIVE 2009/125/EC

Year of affixing CE mark : 2014
Issued by : OMNICOMM OÜ
Date : 09.09.2015
Place : Narva, Estonia

Signature :

Irina Eidemiller
Member of the Board

OMNICOMM OÜ

www.omnicomm-online.com

A-A Tiimanni 1, Narva, 21004, Estonia, Tel: +372 3569590, e-mail: info@omnicomm-online.com

Declaration of CE Conformity Omnicomm UNU-USB Connector Kit

OMNICOMM
FUEL MONITORING FOR
TELEMATICS SOLUTIONS



DECLARATION OF CONFORMITY

No 04/2017

We hereby declare under our sole responsibility, that the following product

<u>Product:</u>	<u>Product description and technical specifications:</u>
USB adapter Omnicomm UNU- USB	Tuning interface tool for fuel level sensors LLS power: USB from 5 V to 300 mA data interface: RS-232/EIA485/USB 1.1

UNU interface cable
LLS to UNU connection cable
are in conformity with standards harmonized with directives

LVD :	DIRECTIVE 2006/95/EC EN 60950-1:2006+A11
EMC :	DIRECTIVE 2004/108/EC Amended by directives 2005/49/EC, 2005/83/EC, 2006/28/EC
ERP :	DIRECTIVE 2009/125/EC

Year of affixing CE mark : 2017
Issued by : OMNICOMM OÜ
Date : 27.04.2017
Place : Narva, Estonia

Signature :

Irina Eidemiller
Member of the Board

OMNICOMM OÜ
www.omnicomm-world.com

A-A Tiimanni 1, Narva, 21004, Estonia, Tel: +372 3569590, e-mail: info@omnicomm-world.com

Omnicommm Galvanic Isolation Unit BR15

Declaration of CE Conformity



DECLARATION OF CONFORMITY

No 05/2015

We hereby declare under our sole responsibility, that the following product

Product:

**Galvanic
isolation
unit
BR15**

Product description and technical specifications:

Galvanic Isolation unit BR15 is intended for connecting telematics devices for vehicle monitoring systems using fuel level sensors LLS 20160, LLS 20230 and power protection BIS 20240 to battery.

Power input: 10-32 VDC
Power output: 11.5± 0.3 VDC, 1.25A


Galvanic Insulation
Voltage 1000 V

operating conditions: -40 - +60°C, IP41

is in conformity with the Rules ECE R 10.04 and Directive 2004/104/EC that is affirmed with the test reports T251-0663/13 by the SIQ, Slovenia

Year of affixing CE mark : 2013
Issued by : OMNICO MM OÜ
Date : 09.09.2015
Place : Narva, Estonia

Signature :


Irina Eidemiller
Member of the Board

OMNICO MM OÜ

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E-Mark Omnicomm BR15

JAVNA AGENCIJA REPUBLIKE SLOVENIJE
ZA VARNOST PROMETA

SLOVENIAN TRAFFIC SAFETY AGENCY

AVP, Kotnikova ulica 19a, SI-1000 Ljubljana, tel.: 01 400 8430, vozila@avp-rs.si
STSA, Kotnikova ulica 19a, SI-1000 Ljubljana, tel.: +386 1 400 8430, vozila@avp-rs.si
37141-120/2015/05



SPOROČILO O RAZŠIRJENI HOMOLOGACIJI COMMUNICATION CONCERNING APPROVAL EXTENDED

za tip elektronskega podsklopa skladno s Pravilnikom ECE 10 R, Amandma 05, dopolnilo 00
of a type of electronic sub-assembly with regard to Regulation No. 10 R, Amendment 05, Supplement 00

Homologacijska št.: **E26 10 R 05 1056**
Approval No.:


Razširitev št.: **01**
Extension No.:

- | | |
|--|---|
| 1. Znamka (blagovna znamka proizvajalca):
<i>Make (trade name of manufacturer):</i> | OMNICOMM |
| 2. Tip in splošna(e) trgovska(e) oznaka(e):
<i>Type and general commercial description(s):</i> | BR15, ENOTA ZA GALVANSKO IZOLACIJO
BR15, GALVANIC ISOLATION UNIT |
| 3. Način identifikacije tipa, če je oznaka
na sestavnem delu:
<i>Means of identification of type, if marked
on the component:</i> | oznaka tipa
<i>type marking</i> |
| 3.1 Mesto te oznake:
<i>Location of that marking:</i> | na ohišju
<i>on the housing</i> |
| 4. Kategorija vozila:
<i>Category of vehicle:</i> | ni navedeno
<i>no specification</i> |
| 5. Ime in naslov proizvajalca:
<i>Name and address of manufacturer:</i> | OMNICOMM TECHNOLOGIES LLC
Polyanka B., 7/10, Building 3,
Corpus 2, Office 17
119180 MOSCOW
Russian Federation |
| 6. Za sestavne dele in samostojne tehnične enote mesto
in način namestitve oznake ECE homologacije:
<i>In the case of components and separate technical units,
location and method of affixing of the ECE approval mark:</i> | nalepka, na zgornji strani ohišja
<i>label, on the upper side of housing</i> |
| 7. Naslov(i) proizvodne(ih) tovarn(e):
<i>Address(es) of assembly plant(s):</i> | Polyanka B., 7/10, Building 3,
Corpus 2, Office 17
119180 MOSCOW
Russian Federation |

Omnicom Galvanic Isolation Unit BR15

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- | | |
|--|--|
| 8. Dodatni podatki (po potrebi):
<i>Additional information (where applicable):</i> | Glej dodatek
<i>See appendix</i> |
| 9. Tehnična služba pristojna za homologacijske preskuse:
<i>Technical Service responsible for carrying out the tests:</i> | SIQ Ljubljana
TRŽAŠKA CESTA 2
1000 LJUBLJANA
Slovenia |
| 10. Datum poročila o preskusu:
<i>Date of test report:</i> | 01.02.2016 |
| 11. Številka poročila o preskusu:
<i>Number of test report:</i> | T251-0836/15 M1 |
| 12. Opombe (če so):
<i>Remarks (if any):</i> | Glej dodatek
<i>See appendix</i> |
| 13. Kraj:
<i>Place:</i> | 1000 LJUBLJANA |
| 14. Datum:
<i>Date:</i> | 17.03.2016 |
| 15. Podpis:
<i>Signature:</i> | mag. Tomaž Svetina, univ.dipl.inž.
vodja sektorja za vozila
 |
- 
16. Temu sporočilu je priložen seznam dokumentov, ki so deponirani pri homologacijskem organu, ki je odobril to homologacijo in jih je na zahtevo mogoče dobiti:
glej kazalo opisne dokumentacije št. E1056 Rev.01
The list of documents deposited with the Administrative Service which has granted approval is annexed to this communication and may be obtained on request:
see index to information package No E1056 Rev.01
17. Razlogi za razširitev:
Reasons for extension:
- posodobitev stopnje homologacije v UN/ECE Pravilnik št. 10, Revision 5, sprememba proizvajalca in tovarne.
approval level updated to UN/ECE Regulation No. 10, Revision 5, change of manufacturer and assembly plant.

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Dodatek k sporočilu o homologaciji št.: E26 10 R 05 1056*01
glede homologacije električnega/elektronskega podslopa po Pravilniku ECE 10 R.
*Appendix to type-approval communication form No.: E26 10 R 05 1056*01*
concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10 R.

1. Dodatne informacije
Additional information
- 1.1 Nazivna napetost električnega sistema : 10-32 V DC
Electrical system rated voltage:
- Ozemljitveni priključek pozitiven/negativen: negativen
Ground positive/negative: negative
- 1.2 Ta EPS se lahko uporablja na katerem koli tipu vozila, ob upoštevanju naslednjih omejitev: ni omejitev
This ESA can be used on any vehicle type with the following restrictions: no restrictions
- 1.2.1 Pogoji za vgradnjo, če so: glej proizvajalčeva navodila za uporabo
Installation conditions, If any: see manufacturer's instruction manual
- 1.3 Ta EPS se lahko uporablja samo na naslednjih tipih vozil: ni omejitev
This ESA can be used only on the following vehicle types: no restrictions
- 1.3.1 Pogoji za vgradnjo, če so: /
Installation conditions, If any:
- 1.4 Uporabljene posebne preskusne metode in frekvenčna območja pri določanju odpornosti (Navedi točno metodo po Prilogi 9): glej točko 4 poročila o preskusu
The specific test method(s) used and frequency ranges covered to determine immunity were: (Please specify precise method used from Annex 9): T251-0836/15 M1
see point 4 of the test report
T251-0836/15 M1
- 1.5 Laboratorij, akreditiran po ISO 17025 in priglašen pri homologacijskem organu, pristojen za izvajanje preskusov: SIQ EMC
Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the test: TRPINČEVA 37A
1000 LJUBLJANA
Slovenia
2. Opombe: glej točko 1 poročila o preskusu
Remarks: T251-0836/15 M1
see point 1 of the test report
T251-0836/15 M1

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Ta homologacija se uporablja za tip serijsko izdelanih električnih/elektronskih podsklopov (EPS) pod naslednjimi pogoji:

Posamezni proizvodi iz serijske proizvodnje morajo ustrezati najmanj vsem zahtevam pravilnika ECE 10 R, amandma 05, dopolnilo 00, " Enotne določbe za homologacijo vozil glede na elektromagnetno združljivost".

Priloženo poročilo o preskusu in risbe so sestavni del te homologacije.

Vsak proizvod mora biti čitljivo in trajno označen s:

- homologacijsko oznako.

Temu tipu proizvoda se dodeli naslednja homologacijska oznaka:

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Homologacijska oznaka na proizvodu mora po izvedbi in velikosti ustrezati zahtevam pravilnika ECE 10 R.05.

S tem homologacijskim znakom so lahko označeni samo tisti proizvodi, ki v celoti ustrezajo homologacijski dokumentaciji.

Homologacijska oznaka na proizvodu mora biti nameščena na mestu, ki je označeno v homologacijski dokumentaciji. Za oznake na električnih/elektronskih podsklopih, skladne z odstavki zgoraj, ni potrebno, da so vidne po vgradnji električnega/elektronskega podsklopa v vozilo.

Pri električnih/elektronskih sistemih, vgrajenih v vozila, ki so homologirana kot enote, oznaka ni potrebna.

Proizvod je lahko označen tudi s tujo homologacijsko ali drugo oznako, če s tem ni motena razpoznavnost in čitljivost homologacijske oznake, ki jo je dodelil slovenski homologacijski organ.

Na proizvodu ne sme biti oznak, ki bi lahko privedle do zamenjave z uradno dodeljeno oznako.

Kakršnekoli spremembe na proizvodu so dovoljene samo na podlagi posebnega dovoljenja homologacijskega organa.

Veljavnost homologacije preneha z vrnitvijo ali z odvzemom. Homologacija se odvzame, če pogoji za podelitev in obstoj homologacije ne obstajajo več, če lastnik homologacije krši obveznosti, povezane s homologacijo, oziroma če se ugotovi, da homologirani proizvod ne ustreza več veljavnim predpisom.

Proizvajalec je dolžan stalno kontrolirati kakovost homologiranega proizvoda in njegovo skladnost s homologacijsko dokumentacijo. O tej kontroli je dolžan voditi evidenco in omogočiti vpogled v zapiske nadzornemu organu, ki ga določi homologacijski organ. V primeru ugotovitve neskladnosti s homologacijsko dokumentacijo je proizvajalec dolžan o tem takoj obvestiti homologacijski organ.


Homologacijski organ lahko kadarkoli preverja pravilno izvajanje pooblastil, dodeljenih s to homologacijo, in v ta namen tudi izbira vzorce za ponovni preskus. Stroške takšnih pregledov in presojo skladnosti proizvodnje, se zaračunajo proizvajalcu.

Vsako spremembo oznake proizvajalca, naslova ali proizvodne tovarne oziroma pri homologaciji imenovane pooblaščen osebe je treba takoj sporočiti homologacijskemu organu.

Pravice, podeljene s to homologacijo, so neprenosljive. Pravice tretjih s to homologacijo niso prizadete.

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V primerih, da se proizvodnja ali prodaja proizvoda ne začne v roku enega leta od podelitve homologacije, da se proizvodnja ali prodaja prekine za več kot eno leto oziroma, da se predvideva taka prekinitve, je o tem treba takoj obvestiti homologacijski organ.

O začetku proizvodnje ali začetku prodaje oziroma njihovem ponovnem začetku je treba obvestiti homologacijski organ najkasneje v enem mesecu.

Neupoštevanje zgoraj navedenih določil lahko povzroči odvzem homologacije in se kazensko preganja.

Pravno razlago v zvezi s to homologacijo lahko daje samo homologacijski organ.


17.03.2016



mag. Tomaž Svetina, univ.dipl.inž.
vodja sektorja za vozila

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This Approval shall apply to a type of electrical/electronic sub assemblies (ESA) from serial production under the following conditions:

Individual products from serial production shall comply at least with all requirements set out in the Regulation No. 10 R, Amendment 05, Supplement 00 "Uniform provisions concerning the approval of vehicles with regard to electromagnetic compatibility".

The attached test report and drawings shall be a constituent part of this Approval.

Every product shall be marked with a readable and durable:

- approval marking.

This type of product shall be allotted the following approval marking:

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The design and size of the approval marking shall meet the requirements of the Regulation No. 10 R.

Only products which fully comply with the approval documentation may bear the allotted approval mark.

The approval marking on the product must be attached at the place indicated in the approval documentation. Markings on ESAs in conformity with paragraphs above need not be visible when the ESA is installed in the vehicle.

No marking is required for electrical/electronic systems built into vehicles which are approved as units.

The product may also be marked with a foreign approval or other marking, provided that the identifiability and readability of the approval marking granted by the Slovenian Type Approval Authority is not affected.

The product shall not bear any markings that may lead to confusion with the officially allotted marking.

Changes of any kind performed on the product shall be subject to special permission by the Slovenian Type Approval Authority.

The Approval will become ineffective when returned or withdrawn. The Approval shall be withdrawn: should the conditions for its granting and existence no longer exist, should the owner of the Approval break his obligations related to the Approval, or when it has been established that the approved product no longer complies with the applicable regulations.

The manufacturer shall regularly inspect the quality of the approved product as well as its conformity with the approval documentation. He shall keep record of this inspection and allow to the surveillance body appointed by the Slovenian Type Approval Authority access to the records. Should any non-conformities be found with respect to the approval documentation, the manufacturer shall immediately inform thereof the Slovenian Type Approval Authority.

Any time, the Slovenian Type Approval Authority may check the correct implementation of the authorizations appointed through this Approval, and for this purpose also select samples for a repeated test. The costs of such checks and conformity of production assessments are charged to the manufacturer.


Any changes regarding the manufacturer's marking, the address or the production plant, or the authorized person appointed through this Approval, shall be forthwith notified to the Slovenian Type Approval Authority.

The rights granted through this Approval shall be untransferrable. The rights of third persons shall not be affected through this Approval.

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In the case where the production or sale of the product does not start within one year after the granting of the Approval, or the production or sale is interrupted for a period longer than one year, or such interruption is foreseen, the Slovenian Type Approval Authority shall be immediately notified.

The Slovenian Type Approval Authority shall be notified of the start of production or start of sale, or its restart, within a month's time at the latest.

Non-compliance with above stated provisions may result in withdrawal of the Approval and will be prosecuted.

Legal explanations in relation with this Approval may only be given by the Slovenian Type Approval Authority.

17.03.2016



Tomaž Svetina, M.Sc.Eng.
Head of Vehicle department

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