



Interface Converter UND-01

1 Purpose

Passport ITLN.467149.001 PS

1.1 Interface converter UND-01, hereinafter referred to as the Product, is designed to connect to laptop fuel level sensors ITALON, hereinafter referred to as Sensors, for carrying out sensor setting procedures. The product can be used to connect other devices with an RS-485 interface to a laptop.

2 Product Specifications

2.1 The product converts USB 2.0 interface signals to RS-485 interface signals and vice versa. With the USB 2.0 interface, the product communicates using FT232RL chip. For the product to work, the FT232RL chip driver available on the Internet must be installed on a laptop. When the driver is installed, the product is shown as a COM port.

2.2 Power supply of the product is carried out from the DC 5V circuit of USB 2.0 interface.

2.3 The product generates at the output a constant voltage of 12 V which is necessary to power the sensor.

2.4 The product has LED indicators with a different color of luminescence:

- green - illuminated in the presence of 12 V, performed by the product;
- blue - highlighted when the product transmits a signal via the RS-485 interface;
- red - highlighted when the product receives a signal via the RS-485 interface;
- white - illuminated when there is a voltage at the input of the product corresponding to the analog (frequency) output of the sensor (the brightness of the glow depends on the voltage level at the output of the sensor).

Approved by ITLN.467149.001 PS-LU



3 Product supply set

3.1 The product is supplied with the following items:

- module GS-2-1 ITLN.467149.002 - 1 pc;
- USB 2.0 cable type A (plug) - USB 2.0 type B (plug) (for connecting the module to the USB connector computer);
- container GS-2-7 ITLN.467926.001 - 1 pcs;
- passport of the product ITLN.467149.001 PS - 1 pc.3

4 Terms and conditions of use, storage, transportation and disposal of the product

4.1 When storing, transporting and disposing the product, it is necessary to follow the generally accepted rules for handling of electronic devices containing printed circuit boards with electronic components mounted on them, electrical cables, electrical connectors, and body parts made of plastic. There are no special requirements for use, storage, transportation, usage and disposal of the product.

5 Manufacturer's Warranty

5.1 The manufacturer, subject to the use of product by consumer for its intended purpose in compliance with generally accepted rules for handling of similar products, rules and recommendations set out in the documentation posted on the manufacturer's website, ensures that the technical characteristics of the product conform to the technical characteristics stated in this document and other documentation placed on the manufacturer's website for a period limited to the first of the two following events: one year from the date the consumer starts using the product; two years from the date the manufacturer recognizes the product as suitable for delivery to the consumer.

6. Country of origin and manufacturer's information:

6.1 Country of origin - Russian Federation.

6.2 Organization of the manufacturer - Limited Liability Company ITALON (ITALON LLC).

6.3 Manufacturer's information:

Company # 1147328004780;

OKPO # 25246794;

Production site: Tupolev Avenue, 7B

432072, Ulyanovsk, Russia

Mail address - Tupolev Avenue, 7B

432072, Ulyanovsk, Russia

Ph.: - 8-800-700-82-88

Webpage: www.italonpro.com

E-mail: mail@italonpro.com.

7 Product Acceptance Information

7.1. Empty fields contained in this section shall be filled in after acceptance of the product.

7.2 The product with a factory serial number _____, according to the results of acceptance tests, is recognized as complying with the requirements set forth in Specifications 40 4240 0 - 001 - 25246794 - 2015 (ITLN. 467149.001 Specifications) and is suitable for delivery to consumers.

Italon LLC, webpage <http://italonpro.com/>, ph.: 8-800-700-8288