

## OM USB-RS II

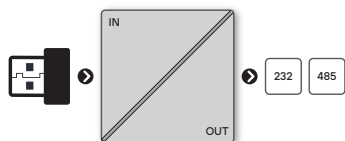


- Galvanic separation 2.5 kVAC
- Rate < 921.6 kBaud
- Compact design

Galvanically separated transducer of USB bus to serial lines RS 232/485. The output lines RS 232 and RS 485 have galvanic connection and via excitors they are connected to one UART. Therefore it is possible to use always one output only.



### TRANSMITTER USB <> RS 232/485



### OPERATION

For correct operation of the transducer kindly download the drivers, which are available on our website

[www.orbitmerret.eu/en/om-usb-rs-ii](http://www.orbitmerret.eu/en/om-usb-rs-ii)

## TECHNICAL DATA

### FUNCTION

Connection with PC	
Type	USB 2.0
Rate	12 Mb
Connection	connector USB-A
Data output	
Type	RS 232 RS 485
Rate	RS 232 < 460.8 kBAud RS 485 < 921.6 kBAud
Connection	connector terminal blocks, section < 1.5 mm <sup>2</sup>
Signalling	
Type	color LED in transducer
USB	green indication of power supply from USB
TxD	yellow transmission indication
RxD	yellow indication of reception

### POWER SUPPLY

Fixed	5 VDC/100 mA, powered from USB and OM instrument
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### MECHANIC PROPERTIES

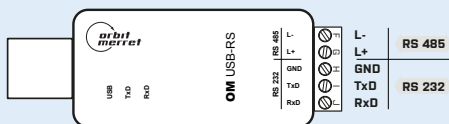
Material	PC, incombustible UL 94 V-0, blue
Dimensions	50 x 24 x 14 mm (w x h x d)

### OPERATING CONDITIONS

Connection	connector terminal blocks, section < 1.5 mm <sup>2</sup>
Working temperat.	0°...60°C
Storage temperat.	-10°...85°C
Working humidity	< 95 % r.v., non condensing
Protection	IP00
ESD	15 kV
Dielectric strength	2.5 kVAC per 1 min test between supply and output
Insulation resist.*	for pollution degree II, measuring cat. II power supply > 300 V (PI), 150 V (DI)

\* PI - Primary insulation, DI - Double insulation

## CONNECTION



## ORDER CODE

**OM USB-RS II**