



## OM USB-RS II

Isolated transmitter USB > RS 232/RS 485

### FUNCTIONS

**Description:** The transmitter provides galvanic separation of USB bus and RS output. Output lines RS 232 and RS 485 have galvanic connection and via exciters connected to one UART. Therefore it is possible to use always one output only.

### DATA OUTPUT

**Rate:** RS 232: 600...460 800 baud

**Rate:** RS 485: 600...921 600 baud

### POWER SUPPLY

5 V/100 mA from USB

### OPERATING CONDITIONS

**Connector terminal board:** conductor section < 1,5 mm<sup>2</sup>

**Working temperature:** 0°...60 °C

**Storage temperature:** -10°...85 °C

**Insulation capability:** for pollution degree II, measuring category III

Input/output > 300 V(PI), 150 V(DI)



## OM USB CABLE II

Galvnic isolated USB transducer for configuration of Orbit Merret instruments

### FUNCTIONS

**Description:** Transducer provides galvanic separation between USB bus and an instrument. It is used for customised configuration of Orbit Merret instruments before initial installation. For transfer of measured data use please use dedicated data outputs (where available).

### DATA OUTPUT

**Rate:** 600...230 400 baud

### POWER SUPPLY

5 V/100 mA from USB

### OPERATING CONDITIONS

**Working temperature:** 0°...60 °C

**Storage temperature:** -10°...85 °C

**Insulation capability:** for pollution degree II, measuring category III

Input/output > 300 V(PI), 150 V(DI)

### ACCESSORY

OML cable for connecting to ORBIT MERRET instruments



## OM USB ISO

USB isolator

### FUNCTIONS

**Description:** Transducer provides galvanic separation from Full Speed USB bus with baud rate of 12 MBaud

### POWER SUPPLY

5 V/250 mA from USB

### OPERATING CONDITIONS

**Output current:** max. 200 mA

**Working temperature:** 0°...60 °C

**Storage temperature:** -10°...85 °C

**Insulation capability:** for pollution degree II, measuring category III

Input/output > 300 V(PI), 150 V(DI)

PI - Primary insulation, DI - Double insulation