



Data Sheet  
**USB Isolator for OM Link OMX  
OM USB-ISO**

*Distributed by*



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## OM USB-ISO

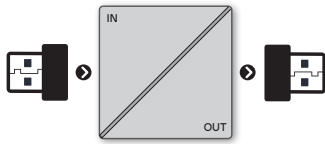


- USB 2.0
- Galvanic separation: 4 kVAC
- Rate 12 Mbaud
- Compact design

Isolator for USB line.

The isolator provides galvanic separation from Full Speed USB bus and thus safely protects your connected device from interference, discharge and overvoltage up to 4 kV.

### USB ISOLATOR



### OPERATION

Using the isolator does not require installation of any drivers.

## TECHNICAL DATA

### FUNCTION

Connection with PC	
Type	USB 2.0
Rate	12 Mb
Connection	connector USB-A
USB output	
Type	USB 2.0
Rate	12 Mb
Connection	connector USB-A
Load	output current < 200 mA
Signalling	
Type	color LED in transducer
USB	green indication of power supply from USB
Power	green indication of active output

### 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	USB-A
Working temperat.	0°...60°C
Storage temperat.	-10°...85°C
Working humidity	< 95 % r.v., non condensing
Protection	IP00
ESD	15 kV
Dielectric strength	4 kWAC per 1 min test between input and output
Insulation resist.*	for pollution degree II, measuring cat. II input / output > 600 V (PI), 300 V (DI)

\* PI - Primary insulation, DI - Double insulation

## ORDER CODE

**OM USB-ISO**