PC-MC101-GE

- **Variable optics through SFP**
- **Copper port 10/100/1000TX, RJ45**
- **FO port 100/1000 SFP**
- **Extended temperature range -40 to 75°C**
- **Compact and robust design**
- **Power supply 12-56VDC**

This industrial media converter was developed especially for applications with high data load, such as video over IP or video streaming. The compact design, the wide temperature range and the high flexibility make this media converter ideal for remote locations. By using SFPs with 100 or 1'000 MBit/s the PC-MC101-GE can be connected to practically all common central switches. With the supplied mounting accessories, the media converter can be easily mounted on a DIN rail or on a wall.

Product information

Brief description
Industrial media converter for 10/100/1000BaseTX and SFP

System Notes
This media converter cannot be used in combination with the VDSL SFPs of the PD-VDSL-SFP series.

Technical data

Copper Ports	1x10/100/1000BaseTX, RJ45 Auto negotiation Auto MDI/MDI-X Full/Halfduplex
Fiber Ports	1 x 100/1000 SFP, LC-connector Data rate of the SFP must be set by dipswitch We recommend the use of our barox SFPs. We do not test or guarantee the compatibility of our devices with SFPs of other manufacturers.

Supply Voltage	12-56VDC, screw clamps Without power supply, must be ordered separately
Power Consumption	2W
IP Schutzart	IP30
MTBF	20°C: 1'382'500h 75°C: 223'200h
Operating temperature	-40° to +75°C
Power Loss	7 BTU/h
Dimensions	59 x 36 x 50mm (WxHxL)
Weight	Gross weight [kg] 0.242 Net weight [kg] 0.119
Test Standards	EMC: CE, FCC, EN 55032/24 EMI: CISPR 32, FCC Part 15B Class A **EMS**: IEC 61000-4-2 ESD: Contact: 6KV; Air: 8KV IEC 61000-4-4 EFT: Power: 2KV; Signal: 2KV IEC 61000-4-5 Surge: Power: 2KV; Signal: 2KV **Vibration**: EN 60068-2-6 Shock: EN 60068-2-27 Free Fall: EN 60068-2-32
Security	FCC Class A, CE, UL
Standards	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3z 1000Base-X Gigabit Ethernet IEEE 802.3x Flow Control and Back Pressure