PC-MC101-E

Industrial media converter for 10/100BaseTX and SFP

- Fix optical ports with SFP or fixed optics
- Copper port: 10/100TX
- Optical-fibre ports: 100SFP or SC-duplex

- Compact and robust
- Wide range of operating temperature
- Power supply 12-60VDC/18-36VAC

Being developed for tasks with high data volume, this industrial media converter is suitable for example for video over IP and video streaming. Its compact design, the wide range of operating temperature and a high flexibility make this media converter ideal for remote units. By using SFPs with 100Mbit/s the PC-MC101-E can be connected to almost all current central switches. In addition, versions with fixed optics are also available. The media converter is delivered with a clamp for DIN-rail mounting and a clip for wall mounting.

More information

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

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Technical data

General properties

supply voltage	12-60VDC 18-36VAC Screw terminal
power consumption	2W
MTBF	
operating temperature	-40° to +75°C
dimensions	59 x 36 x 50mm (Width xHeigth x Depth)

interfaces

copper ports	1x10/100BaseTX RJ45-plug Auto negotiation Auto MDI/MDI-X Full/Halfduplex
optical fibre ports	1x100 SFP, LC-plug 1x100BaseFX, SC-Duplex plug We recommend the use of our barox SFPs. We do not test or guarantee the compatibility of our devices with SFPs of other manufacturers.

network properties

PoE Management	
standards	802.3 10BaseT 802.3u 100BaseT(X) and 100BaseFX 802.3x Flow Control and Back Pressure

Product variants

	PC-MC101-E	SFP-slot for SFPs with 100MBit/s Max. distance: Depending on SFP Wavelength: Depending on SFP Without power supply Mounting accessories incl.
	PC-MC101-ECD-M	Fixed optics: 100BaseFX- multimode, SC-duplex Max. distance: 2km Wavelength: 1300nm Without power supply Mounting accessories incl.
	PC-MC101-ECD-S	Fixed optics: 100BaseFX- singlemode, SC-duplex Max. distance: 30km Wavelenghth: 1310nm Without power supply Mounting accessories incl.
	Mounting accessories	Clamp for DIN-rail mounting and clip for wall mounting

Version 26.02.2024, Changes without notice