

# 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

Special features	<p>DIP-switch: Link Fault Pass Through Converter Mode Switch Mode Optical</p> <p>features: PC-MC101-E LC-Duplex plug or LC-plug Optical data depend on SFP</p> <p>PC-MC101-ECD-M* SC-Duplex plug Wavelength 1310nm Optical budget 50/125um fibre &gt;7,5dB Optical budget 62,5/125um fibre &gt; 11dB</p> <p>PC-MC101-ECD-S SC-duplex plug Wavelength 1310nm Optical budget 9/125um fibre &gt;19dB</p> <p>PC-MC101-Blx-S SC-simplex plug Wavelength 1310nm and 1550nm, see table below Max. Distanz 10km</p>
System notes	<p>This media converter cannot be used in combination with the VDSL SFPs of the PD-VDSL-SFP series.</p>



## Technical data

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### 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

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<b>PC-MC101-E</b>	Without SFP Without power supply Mounting accessories incl.
<b>PC-MC101-ECD-M</b>	Fixed optics: 100BaseFX- multimode, SC-duplex Without power supply Mounting accessories incl.
<b>PC-MC101-ECD-S</b>	Fixed optics: 100BaseFX- singlemode, SC-duplex Without power supply Mounting accessories incl.
<b>Mounting accessories</b>	Clamp for DIN-rail mounting and clip for wall mounting

*Version 28.05.2021, Changes without notice*