

# 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

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### System notes

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



## Technical data

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### General properties

|                       |  |
|-----------------------|--|
| supply voltage        | 12-60VDC<br>18-36VAC<br>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<br>RJ45-plug<br>Auto negotiation<br>Auto MDI/MDI-X<br>Full/Halfduplex |
| optical fibre ports | 1x100 SFP, LC-plug<br>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<br>802.3u 100BaseT(X) and 100BaseFX<br>802.3x Flow Control and Back Pressure |

## Product variants

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**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  
 Wavelength: 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*