

# 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

### Spezielle Eigenschaften

DIP-switch: Link Fault Pass Through Converter Mode Switch Mode Optical  
 features: PC-MC101-E LC-Duplex plug or LC-plug Optical data depend on SFP  
 PC-MC101-ECD-M\* SC-Duplex plug Wavelength 1310nm Optical budget 50/125um  
 fibre >7,5dB Optical budget 62,5/125um fibre > 11dB PC-MC101-ECD-S SC-duplex  
 plug Wavelength 1310nm Optical budget 9/125um fibre >19dB PC-MC101-Blx-S  
 SC-simplex plug Wavelength 1310nm and 1550nm, see table below Max. Distanz 10km



## Technical data

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### General properties

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

### network properties

PoE Management	
standards	802.3 10BaseT 802.3u 100BaseT(X) and 100BaseFX 802.3x Flow Control and Back Pressure * According to standard IEE802.3u maximum range for multimode fibres is 2km.

## Product variants

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**PC-MC101-E**

Without SFP

Without power supply

Mounting accessories incl.



**PC-MC101-ECD-M**

Fixed optics: 100BaseFX- multimode, SC-duplex

Without power supply

Mounting accessories incl.



**PC-MC101-ECD-S**

Fixed optics: 100BaseFX- singlemode, SC-duplex

Without power supply

Mounting accessories incl.



**Mounting accessories**

Clamp for DIN-rail mounting and clip for wall mounting

*Version 26.11.2018, Changes without notice*