

# PC-MC101-GE

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

- 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.

## 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	12-56VDC, screw clamps Without power supply, must be ordered separately
power consumption	2W
MTBF	
operating temperature	-40° to +75°C
dimensions	59 x 36 x 50mm (WxHxL)
weight	0,1kg
Testing standards	EMC: CE, FCC, EN 55032/24 EMI: CISPR 32, FCC Part 15B Class A <b>EMS:</b> 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 <b>Vibration:</b> EN 60068-2-6 Shock: EN 60068-2-27 Free Fall: EN 60068-2-32

### interfaces

copper ports	1x10/100/1000BaseTX, RJ45 Auto negotiation Auto MDI/MDI-X Full/Halfduplex
optical fibre 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.



## network properties

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### PoE Management

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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



## Product variants

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<b>PC-MC-101-GE</b>	For SFP plug-in unit LC plug Optical data dependent on SFP Incl. mounting accessories, without SFP, without power supply
<b>Mounting accessories</b>	Supplied mounting accessories for wall and DIN rail mounting

*Version 28.05.2021, Changes without notice*