



PC-PMC101-GME

Industrial media converter
10/100/1000BaseTX to SFP with PoE+

- Very small design, DIN rail or table mounting
- Copper port: 10/100/1000, RJ45
- Copper port with PoE up to PoE+ 30W
- F.O. port: 100/1000SFP
- LFP (Link Fault Pass Through)
- Power: 48-56VDC, redundant
- Wide temperature range



This industrial media converter is especially developed for applications with a high data load such as video over IP or streaming. Its very compact design, wide temperature range and high flexibility make this product ideal for the use in remote locations. The media converter disposes of an optical SFP-port and a copper port for 10/100/1000TX which supports PoE 802.3af/at up to 30W. The media converter is delivered with a clamp for DIN-rail mounting and a clip for wall mounting.

More information

Special features	LFP (Link Fault Pass Through) can be switched on and off by dip switch. For stable use of this function, a suitable media converter of the PC series must also be used on the opposite side.
System notes	This media converter cannot be used in combination with the VDSL SFPs of the PD-VDSL-SFP series.



Technical data

General properties

supply voltage	48-56VDC, screw terminal Without power supply unit, must be ordered separately
power consumption	2W, without PoE
MTBF	
operating temperature	-40° to +75°C
dimensions	59 x 36 x 50mm (WxHxD)
weight	0,1kg
Testing standards	EMC: CE, FCC, EN 55032/24 EMI: CISPR 32, FCC Part 15B Class A EMS: 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 Vibration: EN 60068-2-6 Shock: EN 60068-2-27 Free Fall: EN 60068-2-32

interfaces

copper ports	1x10/100/1000BaseTX, RJ45, PoE+ 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

PoE Management

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
	IEEE 802.3af for POE
	IEEE 802.3at for POE+



Product variants

PC-PMC101-GME	For SFP plug-in unit LC Connector Optical data dependent on SFP Including mounting accessories, without SFP, without power supply
Mounting accessories	Supplied mounting accessories for wall and DIN rail mounting

Version 21.06.2021, Changes without notice