

PC-PMC102-E

Industrial media converter for 10/100BaseTX with PoE+ and 100BaseFX

- Fix optical ports 100FX for multimode or singlemode fibres
- 2 copper ports 10/100TX/ 10/100TX, depending on type, 1 or 2 thereof with PoE
- Compact and robust
- Enlarged operation temperature
- Supply 9-56VDC or 44-56VDC



This industrial media converter was specially developed for applications with high data loads, such as video over IP, video streaming. The compact design, the wide temperature range and the high flexibility make this media converter ideal for remote locations. The media converter has one fixed optical port and two copper ports with 10/100TX. Depending on the type, one or two of the copper ports support PoE 802.3af/at and partly also PoE++ (60W). The media converter can be easily mounted on a DIN rail or on a wall using the supplied mounting accessories.

Technical data

General properties

supply voltage	9-56VDC in use without PoE 44-56VDC in unse without PoE
power consumption	2W without PoE
operating temperature	-40° to +75°C
dimensions	32 x 104 x 83mm (Width x Height x Depth) without plug



interfaces

copper ports	1x10/100BaseTX, RJ45 1x10/100BaseTX with PoE+, or PoE++, RJ45
optical fibre ports	1x100BaseFX, SC-duplex plug ST plug upon request

network properties

PoE Management	
standards	802.3 10BaseT 802.3u 100BaseT(X) and 100BaseFX 802.3x flow control and back Pressure EN55022/24, ITE Equipment EN50155, electronic devices for railway applications EN50121-3-2, railway, electromagnetic compability EN50121-4, railway, electromagnetic compability EN55011, ISM (industrial, scientific and medical equipment) EN60950-1, security EN50155 / EN60068-2-6, vibration EN50155 / EN60068-2-27, shock EN50155 / EN600-2-32 free fall

Product variants



PC-PMC102-E-SC

Both RJ45-ports support PoE
PoE performance max. 30W per port

Fix optic: 100BaseFX- multimode, SC-duplex, 1310nm,
max. distance 2km

Without supply

Mounting devices included



PC-PMC102-E-SC-S

Both RJ45-ports support PoE
PoE performance max. 30W

Fix optic: 100BaseFX- singlemode, SC-duplex, 1310nm,
max. distance 30km

Without supply

Mounting devices included



PC-HPMC102E-CM

Only one port support PoE
PoE performance max. 60W

Fix optic: 100BaseFX- multimode, SC-duplex, 1310nm,
max. distance 2km

Without supply

Mounting devices included



PC-HPMC102E-CS

Only one port support PoE
PoE performance max. 60W

Fix optic: 100BaseFX- singlemode, SC-duplex, 1310nm,
max. distance 30km

Without supply

Mounting devices included



Montagezubehör

Included devices for wall- and DIN-rail mounting



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barox Kommunikation AG
Im Grund 15
CH-5405 Baden-Dättwil
T.: +41 56 210 45 20

www.barox.ch
www.barox.de
www.barox.at

barox Kommunikation AG
Weiler Strasse 7
D-79540 Lörrach
T.: +49 7621 5500 281