

## 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 44-56VCD



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

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### General properties

supply voltage	9-56VDC in use without PoE 44-56VDC in unse without PoE
power consumption	2W without PoE
MTBF	
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  EN55032/24, ITE Equipment  EN60950-1, security  EN50155 / EN60068-2-6, vibration  EN50155 / EN60068-2-27, shock  EN50155 / EN600-2-32 free fall

## Product variants

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**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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