

# PC-HPMC102E-cs

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, 1 of these ports with PoE+
- LFP, Link Fault Pass-Through
- Compact and robust
- Enlarged operation temperature
- Supply 9-56VDC or 44-56VDC



This industrial media converter is especially developed for applications with a high data load such as video over IP or streaming. Its compact design, wide temperature range and high flexibility make this product ideal for the use in remote locations. The media converter disposes of a optical SFP-port and two copper ports for 10/100TX whereas one port supports PoE 802.3af/at and PoE++ (60W). The media converter is delivered with a clamp for DIN-rail mounting and a clip for wall mounting.

## Technical data

### General properties

|                       |  |
|-----------------------|--|
| supply voltage        | 9-56VDC in use without PoE<br>44-56VDC in use with 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<br>1x10/100BaseTX with PoE+, or PoE++, max. 60W, RJ45 |
| optical fibre ports | 1x100BaseFX, Singlemode, SC-duplex plug<br>ST connector upon request       |

## network properties

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



## Product variants

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### PC-HPMC102E-CM

PoE performance max. 60W

Fix optic: 100BaseFX- multimode, SC-duplex

Without supply

Mounting devices included

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### PC-HPMC102E-CS

PoE performance max. 60W

Fix optic: 100BaseFX- singlemode, SC-duplex

Without supply

Mounting devices included

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### Mounting accessories

Included devices for wall- and DIN-rail mounting

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*Version 10.10.2024, Changes without notice*