

Item no.: 386189

## PTC-101-M12-S-ST-LV-T - Industrial 10/100BaseT(X) to 100BaseFX media converter, M12

from **772,33 EUR**

Item no.: 386189  
shipping weight: 0.90 kg  
Manufacturer: MOXA



### Product Description

The PTC-101 Ethernet to fibre optic media converters convert from 10/100BaseT(X) to 100BaseFX. The models are available with either SC, ST or LC connectors. The PTC-101 converters eliminate the need for additional cabling and support IEEE 802.3 and IEEE 802.3u/x protocols with 10/100M, full/half duplex and MDI/MDI-X auto-sensing to provide a complete solution for your industrial Ethernet networks. The PTC-101 fulfils the mandatory requirements of EN 50155 in terms of operating temperature, input voltage, overvoltage, ESD and vibration as well as conformal coating and power isolation, making the switches suitable for a wide range of industrial applications.

**Technical data**  
 Ethernet interface- 10/100BaseT(X) ports (M12 D-coded 4-pin socket) 1- 100BaseFX ports (single-mode ST connector)  
 PTC-101-M12-S-ST series: 1- Magnetic insulation protection 1.5 kV (built-in)  
**Performance parameters-** Input current 170 mA @ 20 VDC- Input voltage 20 to 72 VDC- Supported overload current protection- Power consumption 170 mA @ 20 VDC  
**Physical properties-** Metal housing- Dimensions 152.15 x 126.46 x 66.65 mm (5.99 x 4.86 x 2.62 in)- Weight Packaged: 875 g (1.92 lb) Product only: 690 g (1.52 lb)- Installation DIN rail mounting- Protection - CT models: PCB conformal coating  
**Environmental Conditions-** Operating Temperature -40 to 85°C (-40 to 185°F)- Storage Temperature (including packaging) -40 to 85°C (-40 to 185°F)- Relative Humidity 5 to 95% (non-condensing)  
**Standards and Certifications-** EMC EN 55032/24- EMI CISPR 32, FCC Part 15B Class A- EMS IEC 61000-4-2 ESD: Contact: 8 kV; Air: 15 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m IEC 61000-4-4 EFT: Power: 4 kV; Signal: 4 kV IEC 61000-4-5 Surge: Power: 2 kV; Signal: 4 kV IEC 61000-4-6 CS: 150 kHz to 80 MHz: 3 V/m; Signal: 3 V/m IEC 61000-4-8 PFM IEC 61000-4-11 DIPs- Environmental testing IEC 60068-2-1 IEC 60068-2-14 IEC 60068-2-2 IEC 60068-2-3- Safety EN 60950-1, UL 60950-1- Vibration IEC 60068-2-6 MTBF- Time 1,211.613 hrs- Standards MIL-HDBK-217 F Package contents- Device 1 x PTC-101-M12 series media converter- Documentation 1 x Quick Installation Guide

### Specifications

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All details, up-to-date  
prices and availability

