

Item no.: 386170

## ICF-1171I-M-ST-T - Industrial CAN to fibre optic converter for distance extension

from **400,20 EUR**

Item no.: 386170  
shipping weight: 0.30 kg  
Manufacturer: MOXA



### Product Description

Industrial CAN to fibre optic converter for distance extension, ST multi-mode, -40 to 75°C Serial interface Fibre optic- 100Base-Fx ports (single-mode/multi-mode ST connector) Fibre optic- Note: The "typical distance" of a specific fibre optic transceiver can be calculated using the link budget (dB) > dispersion penalty (dB) + total link loss (dB). CAN interfaced Isolation- 2 kV (built-in) Number of ports- 1 Signals- CAN\_L, CAN\_H, CAN Signal GND Terminating resistor- N/A, 120 Ohm (via DIP) Protocols- CAN 2.0A, CAN 2.0B, CAN FD, compatible with ISO 11898 standard (DIP switch for selecting the CAN 2.0/CAN FD setting) Fibre optic interface Number of ports- 1 Connection- Multi-mode ST connection Fibre optic- Single-mode, typical distance 40 km- Multi-mode, typical distance 2 km Performance parameters Input current- 188.5 mA (max.) Input voltage- 12 to 48 VDC Number of current inputs- 2 Power connection- Terminal block Relay Contact current- Resistance load: 1 A @ 30 VDC Pinouts- NC, COM, NO Physical properties Housing- Metal Protection class- IP30 Dimensions- 30.3 x 70 x 115 mm (1.19 x 2.76 x 4.53 in) Weight- 294 g (0.65 lb) Installation- DIN rail mounting - wall mounting (with optional kit) Environmental conditions Operating temperature- -40 to 75°C (-40 to 167°F) Storage temperature (including packaging)- -40 to 85°C (-40 to 85°C) -40 to 85°C (-40 to 185°F) Relative humidity- 5 to 95% (non-condensing) Standards and certifications EMC- EN 55032/35 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: 2 kV- IEC 61000-4-5 Surge: Power: 2 kV, Signal: 2 kV- IEC 61000-4-6 CS: 150 kHz to 80 MHz: 10 V/m; Signal: 10 V/m- IEC 61000-4-8 PFMI International approvals- KCSafety- UL 62368-1, EN 62368-1 Vibration- IEC 60068-2-6 MTBF- Time 2.412,885 hrs- Standards Telcordia (Bellcore), GB

### Specifications

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All details, up-to-date  
prices and availability

