

Item no.: 387704

## TCF-142-M-SC - RS-232/422/485 to multimode fibre optic media converter

from **190,83 EUR**

Item no.: 387704  
shipping weight: 0.50 kg  
Manufacturer: MOXA



### Product Description

Moxa's industrial-grade serial to fibre converters can convert RS-232/422/485 to fibre, providing users with an easy and reliable way to communicate with their serial devices. RS-232/422/485 to multimode fibre media converter with fibre ring support and SC connector, 0 to 60°C operating temperature

Serial interface Number of ports- 2  
Serial standards- RS-232- RS-422- RS-485  
Baud rate- 50 bps to 921.6 kbps (supports non-standardised baud rates)  
Flow Control- ADDC (automatic data direction control) for RS-485  
Fibre optics Pull High/Low Resistor for RS-485- 1 Kilo-Ohm, 150 Kilo-Ohm  
RS-485 Data Direction Control- ADDC (automatic data direction control)  
Terminator for RS-485- N/A, 120 Ohm, 120 kilo-ohms  
Connector- Multi-mode SC connector  
Latency- 300 ns  
Serial signals RS-232- Tx, Rx, GND  
RS-422- Tx+, Tx-, Rx+, Rx-, GND  
RS-485- 4w- Tx+, Tx-, Rx+, Rx-, GND  
RS-485- 2w- Data+, Data-, GND

Performance parameters  
Number of current inputs- 1  
Input current- 70 to 140 mA @ 12 to 48 VDC  
Input voltage- 12 to 48 VDC  
Overload current protection- Supported  
Power connection- Terminal block  
Current consumption- 70 to 140 mA @ 12 to 48 VDC  
Reverse polarity protection- Supported  
Physical properties  
IP protection class- IP30  
Housing- Metal  
Dimensions (with ears)- 90 x 100 x 22 mm (3.54 x 3.94 x 0.87 in)  
Dimensions (without ears)- 67 x 100 x 22 mm (2.64 x 3.94 x 0.87 in)  
Weight- 320 g (0.71 lb)  
Installation- Wall mounting  
Environmental conditions  
Operating temperature- 0 to 60°C (32 to 140°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 55032/35  
EMI- CISPR 32, FCC Part 15B Class A  
EMS- IEC 61000-4-2  
ESD: Contact: 4 kV; air: 8 kV- IEC 61000-4-3  
RS: 80 MHz to 1 GHz: 10 V/m- IEC 61000-4-4  
EFT: Power: 1 kV- IEC 61000-4-5  
Surge: Power: 1 kV- IEC 61000-4-6  
CS: 3 V- IEC 61000-4-8  
PFM  
Environmental testing- IEC 60068-2-1- IEC 60068-2-2- IEC 60068-2-3  
Safety- UL 60950-1  
Vibration- IEC 60068-2-6  
MTBF Time- 780,480 hours  
Standards- Telcordia (Bellcore), GB

### Specifications

Scan this QR code to view the product  
All details, up-to-date prices and availability

