




Product information M-FAST SFP-MM/LC EEC

Industrial Ethernet: System Accessories: Transceiver: SFP Fast-Ethernet Transceiver for media module: M-FAST SFP-MM/LC EEC

<https://www.e-catalog.beldensolutions.com:443/link/57078-24455-24544-24535-24528-40589/en/conf/uistate>

| | |
|---|--|
| Name | M-FAST SFP-MM/LC EEC |
| |  |
| | SFP Fiberoptic Fast-ETHERNET Transceiver |
| Delivery informations | |
| Availability | available |
| Product description | |
| Description | SFP Fiberoptic Fast-ETHERNET Transceiver |
| Port type and quantity | 1 x 100 BASE-FX with LC connector |
| Type | M-FAST SFP-MM/LC EEC |
| Order No. | 943 945-001 |
| Network size - length of cable | |
| Multimode fiber (MM) 50/125 µm | 0 - 5000 m 0 - 8 dB link budget at 1310 nm A = 1 dB/km, 3 dB Reserve, B = 800 MHz x km |
| Multimode fiber (MM) 62.5/125 µm | 0 - 4000 m 0 - 11 dB link budget at 1310 nm A = 1 dB/km, 3 dB Reserve, B = 500 MHz*km |
| Single mode fiber (SM) 9/125 µm | - |
| Single mode fiber (LH) 9/125 µm (long haul transceiver) | - |
| Power requirements | |
| Operating voltage | power supply via the switch |
| Power consumption | 1 W |
| Service | |
| Diagnostics | optical input- and output power, transceiver temperature |
| Ambient conditions | |
| Operating temperature | -40 °C to +85 °C |
| Storage/transport temperature | -40°C to +85°C |
| Relative humidity (non-condensing) | 10% to 95% |
| MTBF | 514 years; Telcordia SR-332 |
| Mechanical construction | |
| Dimensions (W x H x D) | 20 mm x 18 mm x 50 mm |
| Mounting | SFP slot |
| Weight | 40 g |
| Protection class | IP 20 |
| Mechanical stability | |
| IEC 60068-2-27 shock | 15 g, 11 ms duration, 18 shocks |
| IEC 60068-2-6 vibration | 1 mm, 2 Hz - 13,2 Hz, 90 min.; 0,7g, 13,2 Hz - 100 Hz, 90 min.; 3,5 mm, 3 Hz - 9 Hz, 10 cycles, 1 octave/min.; 1g, 9 Hz - 150 Hz, 10 cycles, 1 octave/min. |
| EMC interference immunity | |
| EN 61000-4-2 electrostatic discharge (ESD) | 6 kV contact discharge, 8 kV air discharge |
| EN 61000-4-3 electromagnetic field | 10 V/m (80 - 1000 MHz) |
| EN 61000-4-4 fast transients (burst) | 2 kV power line, 1 kV data line |
| EN 61000-4-5 surge voltage | power line: 2 kV (line/earth), 1 kV (line/line), 1kV data line |
| EN 61000-4-6 conducted immunity | 3 V (10 kHz - 150 kHz), 10 V (150 kHz - 80 MHz) |
| EMC emitted immunity | |
| FCC CFR47 Part 15 | FCC CFR47 Part 15 Class A |
| EN 55022 | EN 55022 Class A |
| Approvals | |
| Safety of information technology equipment | cUL 60950-1 |
| Shipbuilding | Germanischer Lloyd, ABS, BV, DNV, LR, KR, RINA |

Industrial Ethernet: System Accessories: Transceiver: SFP Fast-Ethernet Transceiver for media module: M-FAST SFP-MM/LC EEC

<https://www.e-catalog.beldensolutions.com:443/link/57078-24455-24544-24535-24528-40589/en/conf/uistate>

Scope of delivery and accessories

| | |
|---------------------------------|------------|
| Scope of delivery | - |
| Accessories to order separately | SFP module |

For more information please contact:

Hirschmann Automation and Control GmbH

Stuttgarter Strasse 45-51

72654 Neckartenzlingen

Germany

Phone: +49 7127/14-1809

E-Mail: inet-sales@belden.com

The information published in the websites has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price-related/commercial respect. The complete information and data were available on user documentation. Mandatory information can only be obtained by a concrete query.