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Product information M-SFP-2.5-SM/LC EEC

Industrial Ethernet: System Accessories: Fiberoptic Transceiver: 2.5 Gigabit-Ethernet Transceiver for media module: M-SFP-2.5-SM/LC EEC

<https://www.e-catalog.beldensolutions.com:443/link/57078-24455-24544-24535-460655-460647/en/conf/uistate>

Name	M-SFP-2.5-SM/LC EEC
	
	SFP Fiberoptic 2.5 Gigabit Ethernet Transceiver, extended temperature range
Delivery informations	
Availability	available
Product description	
Description	SFP Fiberoptic 2.5 Gigabit Ethernet Transceiver, extended temperature range
Port type and quantity	1 x 2.5 Gig with LC connector
Type	M-SFP-2.5-SM/LC EEC
Order No.	942164001
Network size - length of cable	
Single mode fiber (SM) 9/125 µm	0 to 20 km, 1310 nm; 13 dB link budget; 0.55 dB/km; (GR-253 CORE)
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 - +85 °C
Storage/transport temperature	-40 - +85 °C
Relative humidity (non-condensing)	10-95 %
MTBF	589 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	IP20
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.; 0.7 g, 13.2 Hz-100 Hz, 90 min.; 3.5 mm, 3 Hz-9 Hz, 10 cycles, 1 octave/min.; 1 g, 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), 1 kV 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 CFR-47 Part 15 Class A
EN 55022	EN 55022 Class A
Approvals	
Safety of information technology equipment	cUL 60950-1
Scope of delivery and accessories	
Scope of delivery	SFP module



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