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Product information M-FAST SFP-LH/LC

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

<http://e-catalog.hirschmann.com/link/57078-24455-24544-24535-24528-39848/en/conf/ui.state>

Name		M-FAST SFP-LH/LC
		
		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-LH/LC
Order No.		943 868-001
Network size - length of cable		
Multimode fiber (MM) 50/125 µm		-
Multimode fiber (MM) 62.5/125 µm		-
Single mode fiber (LH) 9/125 µm (long haul transceiver)		47 - 104 km 10 - 29 dB link budget bei 1550 nm A = 0,25 dB/km, 2 dB Reserve, D = 19 ps/(nm x km)
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		0°C to +60°C
Storage/transport temperature		-40 °C to +85 °C
Relative humidity (non-condensing)		10% to 95%
MTBF		367 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.; 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 CFR47 Part 15 Class A
EN 55022		EN 55022 Class A
Approvals		
Safety of information technology equipment		n/a
Shipbuilding		Germanischer Lloyd
Scope of delivery and accessories		
Scope of delivery		-



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Accessories to order separately

SFP module

For more information please contact:

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