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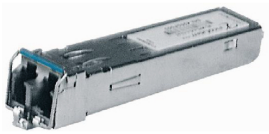
Product: SFP-FAST-MM/LC-EEC



SFP Fiberoptic Fast-Ethernet Transceiver MM, extended temperature range

Product Description

SFP Fiberoptic Fast-Ethernet Transceiver MM with LC connector, extended temperature range

Technical Specifications

Product description

Type:	SFP-FAST-MM/LC-EEC
Description:	SFP Fiberoptic Fast-Ethernet Transceiver MM, extended temperature range
Part Number:	942194002
Port type and quantity:	1 x 100 Mbit/s with LC connector

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

Power requirements

Operating Voltage:	power supply via the switch
Power consumption:	1 W

Software

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):	5-95 %

Mechanical construction

Dimensions (WxHxD):	13.4 mm x 8.5 mm x 56.5 mm
Weight:	40 g
Mounting:	SFP slot
Protection class:	IP20

Mechanical stability

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
IEC 60068-2-27 shock:	15 g, 11 ms duration, 18 shocks

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

EN 55022:	EN 55022 Class A
FCC CFR47 Part 15:	FCC 47CFR Part 15, Class A

Approvals

Safety of information technology equipment:	EN60950
Laser Protection:	class 1 according to IEC60825-1

Reliability

Guarantee:	24 months (please refer to the terms of guarantee for detailed information)

Scope of delivery and accessories

Scope of delivery:	SFP module

Further Instructions

Product Documentation:	https://www.doc.hirschmann.com
Certificates:	https://www.doc.hirschmann.com/certificates.html

History

Update and Revision:	Revision Number: 0.112 Revision Date: 05-07-2025

Variants

Item #	Type
942194002	SFP-FAST-MM/LC-EEC

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