

# Product: <u>SFP-FAST-BB SM/LC EEC</u> ☑



SFP Fiberoptic bi-directional Fast Ethernet Transceiver SM, Type B, extended temperature range

### **Product Description**

SFP Fiberoptic bi-directional Fast Ethernet Transceiver SM with LC connector, Type B, extended temperature range

#### **Technical Specifications**

#### Product description

Туре:	SFP-FAST-BB SM/LC EEC
Description:	SFP Fiberoptic bi-directional Fast Ethernet Transceiver SM, Type B, extended temperature range
Part Number:	942205002
Port type and quantity:	1 x 100 Mbit/s with LC connector
Network size - length of cable	

#### **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	Approvals		
Safety of information technology equipment:	EN60950		
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: 0.77 Revision Date: 07-03-2024		
Variants			
Item # Type   942205002 SFP-FAST-BB SM/LC EEC			

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