

Media module - FL SFP SX - 2891754

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Gigabit SFP module for transmission up to 1 km with a wavelength of 850 nm.

Product Description

SFP module with a data transmission speed of 1000 Mbps, a wavelength of 850 nm, and a maximum transmission length of 1 km.

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 166782

Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 75 °C (non-condensing)
Ambient temperature (storage/transport)	-40 °C ... 85 °C (non-condensing)
Permissible humidity (operation)	30 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	30 % ... 95 % (non-condensing)
Air pressure (operation)	86 kPa ... 108 kPa (1500 m above sea level)
Air pressure (storage/transport)	66 kPa ... 108 kPa (3500 m above sea level)

Interfaces

Interface 1	Ethernet FO
No. of ports	1 (LC multi-mode)
Connection method	LC
Transmission physics	multi-mode fiberglass
Transmission speed	1 GBit/s
Transmission length	275 m (Fiberglass, 62.5/125 µm (OM1))
	550 m (Fiberglass, 50/125 µm (OM2))
	1000 m (Fiberglass, 50/125 µm (OM3))
	1000 m (Fiberglass, 50/125 µm (OM4))
Wavelength	850 nm
Signal LEDs	depending on the Factoryline device
Transmit capacity, minimum	-9 dBm
Transmit capacity, maximum	-4 dBm

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Interfaces

Minimum receiver sensitivity	-17 dBm
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Function

Basic functions	SFP module as FO port
Status and diagnostic indicators	via a Factoryline device

Supply voltage

Supply voltage	3.3 V (via Factoryline switch)
Max. current consumption	240 mA
Current consumption	240 mA

General

Mounting type	Insert in SFP slot
Type AX	Factoryline devices with SFP slot
Net weight	28.7 g
Housing material	Metal

Standards and Regulations

Vibration (storage/transport)	5g, 150 Hz, in acc. with IEC 60068-2-6
Connection in acc. with standard	CUL
Vibration (operation)	In acc. with IEC 60068-2-6: 5g, 150 Hz

Classifications

eCl@ss

eCl@ss 4.0	27250501
eCl@ss 4.1	27250501
eCl@ss 5.0	27250501
eCl@ss 5.1	27250501
eCl@ss 6.0	19170106
eCl@ss 7.0	19170106
eCl@ss 8.0	27149249

ETIM

ETIM 2.0	EC000734
ETIM 3.0	EC000734
ETIM 4.0	EC000734
ETIM 5.0	EC002609

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015

Media module - FL SFP SX - 2891754

Classifications

UNSPSC

UNSPSC 12.01	43201410
UNSPSC 13.2	43201410

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / DNV / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 

cUL Recognized 

DNV

cULus Recognized 

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