FL SFP LH - Media module

2989912

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The figure shows a version of the product

Gigabit SFP module for transmission up to 80 km with a wavelength of 1,550 nm.

Product description

DDI, Digital DiagnosticMonitoring Interface

Your advantages

- MSA compliant

Commercial data

Item number	2989912
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN22
Product key	DNN613
GTIN	4046356299749
Weight per piece (including packing)	36.3 g
Weight per piece (excluding packing)	33 g
Customs tariff number	85176200
Country of origin	CN

Technical data

Dimensions

Width	13.7 mm
Height	8.95 mm
Length	56.5 mm

Notes

Note on application

Note on application	Only for industrial use

Material specifications

Housing material	Metal

Mounting

Mounting type	Plug-in mounting
Mounting type	Insert in SFP slot

Interfaces

Ethernet FO

Connection method	LC
Transmission speed	1 Gbps
Transmit capacity, minimum	0 dBm
Transmit capacity, maximum	5 dBm
Minimum receiver sensitivity	-24 dBm
Maximum receiver sensitivity	-3 dBm
Transmission physics	Single-mode fiberglass
Transmission length	80 km (Fiberglass 9/125)
Wavelength	1550 nm
Signal LEDs	depending on the Factoryline device
No. of channels	1 (LC single mode)
Transmit capacity, minimum	0 dBm
Transmit capacity, maximum	5 dBm
Minimum receiver sensitivity	-3 dBm
Maximum receiver sensitivity	-24 dBm

Product properties

Product type	SFP module
Type	Factoryline devices with SFP slot
Special properties	DDI, Digital DiagnosticMonitoring Interface
Format	SFP (Small Form-factor Pluggable)

Signaling

Status display	via a Factoryline device

Electrical properties

Current consumption	300 mA
Maximum power dissipation for nominal condition	1 W
Transmission medium	FO

Supply

Supply voltage	3.3 V (via Factoryline switch)
Power supply connection	via SFP slot
Max. current consumption	300 mA
Current consumption	300 mA

Connection data

Connection method	To insert in SFP slot

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 85 °C (non-condensing)
Ambient temperature (storage/transport)	-40 °C ... 85 °C (non-condensing)
Case temperature	max. 85 °C (Operation)
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	30 % ... 95 % (non-condensing)
Vibration (operation)	in acc. with IEC 60068-2-6: 5g, 150 Hz
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)

Standards and regulations

Standard designation	Laser equipment safety
Standards/specifications	IEC 60825

Classifications

ECLASS

ECLASS-13.0	19179090

ETIM

ETIM 9.0	EC000310

UNSPSC

UNSPSC 21.0	43222600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	d7bf03a9-af83-4473-b743-fb4eab7c02fd

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com