FL SFP LX10-B - Media module

1025401

https://www.phoenixcontact.com/us/products/1025401

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

CRA-READY



Gigabit SFP module for transmission up to 10 km with a wavelength of 1310 nm.

Product description

DDI, Digital DiagnosticMonitoring Interface

Your advantages

- MSA compliant

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	1025401
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN22
Product key	DNN613
GTIN	4055626517148
Weight per piece (including packing)	30 g

Weight per piece (excluding packing)	29.8 g
Customs tariff number	85176200
Country of origin	TW

Technical data

Dimensions

Width	13.7 mm
Height	8.95 mm
Length	56.5 mm

Notes

Note on application	Only for industrial use
Note on application	As things stand now, we are preparing the product so that, as of December 11, 2027, it will comply with the requirements of the EU Cyber Resilience Act (CRA) based on the information currently available regarding the CRA.

Material specifications

Color (Housing)	white aluminium (RAL 9006)
Housing material	Metal

Mounting

Mounting type	Plug-in mounting (SFP port)

Interfaces

Ethernet FO

Connection method	LC
Transmission speed	1 Gbps
Transmit capacity, minimum	-9.5 dBm
Transmit capacity, maximum	-3 dBm
Minimum receiver sensitivity	-21 dBm
Maximum receiver sensitivity	-3 dBm
Transmission physics	Single-mode fiberglass
Transmission length	10 km (Fiberglass 9/125)
Wavelength	1310 nm
Signal LEDs	depending on the Factoryline device
No. of channels	1 (LC single mode)

Product properties

Product type	SFP module
Type	Factoryline devices with SFP slot
MTTF	59 Years (Telcordia SR-332, temperature factor at 40°C = 1, stress factor at 50% = 1, environmental factor = 1)
Special properties	The product is being prepared for compliance with the Cyber Resilience Act (CRA)
Format	SFP (Small Form-factor Pluggable)

Signaling

Status display	via a Factoryline device

Electrical properties

Transmission medium	FO

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 70 °C (non-condensing)
Ambient temperature (storage/transport)	-40 °C ... 85 °C (non-condensing)
Case temperature	max. 70 °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

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1025401

cULus Recognized
Approval ID: E140403

Classifications

ECLASS

ECLASS-13.0	19179090
ECLASS-15.0	19179090

ETIM

ETIM 10.0	EC002608

UNSPSC

UNSPSC 21.0	43222600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

EF3.1 Climate Change

CO2e kg	3.96 kg CO2e

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

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