

# FL SFP FX SM - Media module



2891082

<https://www.phoenixcontact.com/us/products/2891082>

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The small form-factor plug-in module provides a fiber optic interface with a data transmission speed of 100 Mbps with a wavelength of 1310 nm (long).

## Your advantages

- Network structure according to IEC 61850
- IEEE 1613
- MSA compliant

## Commercial data

Item number	2891082
Packing unit	1 pc
Sales key	DN22
Product key	DNN1ZS
Catalog page	Page 332 (C-6-2019)
GTIN	4046356800969
Weight per piece (including packing)	30.4 g
Weight per piece (excluding packing)	16 g
Customs tariff number	85176200
Country of origin	TW

## Technical data

### Dimensions

Width	13.7 mm
Height	8.95 mm
Length	56.5 mm

### Material specifications

Housing material	Metal
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### Mounting

Mounting type	Insert in SFP slot
Connection method	To insert in SFP slot

### Interfaces

#### Ethernet FO

Connection method	1 LC socket at the SFP module, 100 Mbps
Transmission speed	100 Mbps
Transmission physics	Single-mode fiberglass
Transmission length	typ. 40 km
Wavelength	1310 nm
Signal LEDs	depending on the Factoryline device
No. of channels	1 (LC single mode)

### Product properties

Type	Factoryline devices with SFP slot
Product type	SFP module
Format	SFP (Small Form-factor Pluggable)

### Signaling

Status display	via a Factoryline device
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### Electrical properties

Transmission medium	Single-mode fiberglass
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#### Supply

Supply voltage	3.3 V (via Factoryline switch)
Power supply connection	via 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)

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Permissible humidity (operation)	30 % ... 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)

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2891082>



**DNV GL**

Approval ID: TAA00000YV



**LR**

Approval ID: LR22250919TA



**NK**

Approval ID: TA19464M



**BV**

Approval ID: 48146/A1 BV

**BSH**

Approval ID: Nr. 966



**RINA**

Approval ID: ELE162721XG

**ABS**

Approval ID: 21-2066186-PDA

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## Classifications

### ECLASS

ECLASS-11.0	19179090
ECLASS-12.0	19179090
ECLASS-13.0	19179090

### ETIM

ETIM 8.0	EC000310
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### UNSPSC

UNSPSC 21.0	43222600
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## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 10;
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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## Accessories

### FOC-SC:PA-SC:PA-OS2:D01/1 - FO patch cable

1115550

<https://www.phoenixcontact.com/us/products/1115550>

Single-mode OS2 duplex jumper, SC-SC, UPC polishing, length 1 m



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### FOC-SC:PA-SC:PA-OS2:D01/2 - FO patch cable

1115548

<https://www.phoenixcontact.com/us/products/1115548>

Single-mode OS2 duplex jumper, SC-SC, UPC polishing, length 2 m



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## FOC-ST:PA-SC:PA-OS2:D01/1 - FO patch cable

1115582

<https://www.phoenixcontact.com/us/products/1115582>

Single-mode OS2 duplex jumper, ST-SC, UPC polishing, length 1 m



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## FOC-ST:PA-SC:PA-OS2:D01/2 - FO patch cable

1115581

<https://www.phoenixcontact.com/us/products/1115581>

Single-mode OS2 duplex jumper, ST-SC, UPC polishing, length 2 m





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## FOC-LC:PA-SC:PA-OS2:D01/1 - FO patch cable

1115618

<https://www.phoenixcontact.com/us/products/1115618>

Single-mode OS2 duplex jumper, LC-SC, UPC polishing, length 1 m



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## FOC-LC:PA-SC:PA-OS2:D01/2 - FO patch cable

1115617

<https://www.phoenixcontact.com/us/products/1115617>

Single-mode OS2 duplex jumper, LC-SC, UPC polishing, length 2 m



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