

FL SFP FX - Media module



2891081

<https://www.phoenixcontact.com/us/products/2891081>

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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 | 2891081 |
| Packing unit | 1 pc |
| Sales key | DN22 |
| Product key | DNN1ZS |
| Catalog page | Page 332 (C-6-2019) |
| GTIN | 4046356800952 |
| Weight per piece (including packing) | 30.5 g |
| Weight per piece (excluding packing) | 29.7 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 |
|------------------|-------|

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 |
| Transmit capacity, minimum | -19 dBm |
| Transmit capacity, maximum | -12 dBm |
| Minimum receiver sensitivity | -30 dBm |
| Maximum receiver sensitivity | -3 dBm |
| Transmission physics | multi-mode fiberglass |
| Wavelength | 1310 nm |
| Signal LEDs | depending on the Factoryline device |
| No. of channels | 1 (LC multi-mode) |

Product properties

| | |
|--------------|--|
| Type | Factoryline devices with SFP slot |
| Product type | SFP module |
| MTTF | 372 Years (Telcordia standard, 25°C temperature, 21% operating cycle (5 days a week, 8 hours a day)) |
| Format | SFP (Small Form-factor Pluggable) |

Signaling

| | |
|----------------|--------------------------|
| Status display | via a Factoryline device |
|----------------|--------------------------|

Electrical properties

| | |
|---------------------|-----------------------|
| Transmission medium | Multi-mode fiberglass |
|---------------------|-----------------------|

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) |
| 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/2891081>



EAC

Approval ID: RU *-DE.A*08.B.00731



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 |
|----------|----------|

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-LC:PA-SC:PA-OM2:D01/1 - FO patch cable

1115607

<https://www.phoenixcontact.com/us/products/1115607>

Multi-mode OM2 duplex jumper, LC-SC, UPC polishing, length 1 m



FOC-LC:PA-SC:PA-OM2:D01/2 - FO patch cable

1115605

<https://www.phoenixcontact.com/us/products/1115605>

Multi-mode OM2 duplex jumper, LC-SC, UPC polishing, length 2 m



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FOC-SC:PA-SC:PA-OM2:D01/1 - FO patch cable

1115536

<https://www.phoenixcontact.com/us/products/1115536>

Multi-mode OM2 duplex jumper, SC-SC, UPC polishing, length 1 m

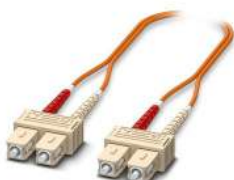


FOC-SC:PA-SC:PA-OM2:D01/2 - FO patch cable

1115535

<https://www.phoenixcontact.com/us/products/1115535>

Multi-mode OM2 duplex jumper, SC-SC, UPC polishing, length 2 m



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FOC-ST:PA-SC:PA-OM2:D01/1 - FO patch cable

1115574

<https://www.phoenixcontact.com/us/products/1115574>

Multi-mode OM2 duplex jumper, ST-SC, UPC polishing, length 1 m



FOC-ST:PA-SC:PA-OM2:D01/2 - FO patch cable

1115573

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Multi-mode OM2 duplex jumper, ST-SC, UPC polishing, length 2 m



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FOC-LC:PA-SC:PA-OM4:D01/1 - FO patch cable

1115601

<https://www.phoenixcontact.com/us/products/1115601>

Multi-mode OM4 duplex jumper, LC-SC, UPC polishing, length 1 m



FOC-LC:PA-SC:PA-OM4:D01/2 - FO patch cable

1115600

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Multi-mode OM4 duplex jumper, LC-SC, UPC polishing, length 2 m



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FOC-SC:PA-SC:PA-OM4:D01/1 - FO patch cable

1115424

<https://www.phoenixcontact.com/us/products/1115424>

Multi-mode OM4 duplex jumper, SC-SC, UPC polishing, length 1 m



FOC-SC:PA-SC:PA-OM4:D01/2 - FO patch cable

1115423

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Multi-mode OM4 duplex jumper, SC-SC, UPC polishing, length 2 m



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