

# FL SFP-10G-SR - Media module

1145046

<https://www.phoenixcontact.com/us/products/1145046>



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10 Gigabit SFP module for transmission up to 300 m with a wavelength of 850 nm.

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1145046       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | DN22          |
| Product key                          | DNN614        |
| GTIN                                 | 4063151131692 |
| Weight per piece (including packing) | 41 g          |
| Weight per piece (excluding packing) | 17 g          |
| Customs tariff number                | 85176200      |
| Country of origin                    | TW            |

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## Technical data

### Dimensions

|        |          |
|--------|----------|
| Width  | 14.69 mm |
| Height | 13 mm    |
| Length | 55.9 mm  |

### Notes

#### Note on application

|                     |                         |
|---------------------|-------------------------|
| Note on application | Only for industrial use |
|---------------------|-------------------------|

### Material specifications

|                 |                            |
|-----------------|----------------------------|
| Color (Housing) | white aluminium (RAL 9006) |
|-----------------|----------------------------|

### Mounting

|               |                             |
|---------------|-----------------------------|
| Mounting type | Plug-in mounting (SFP port) |
|---------------|-----------------------------|

### Interfaces

#### Fiber optic interface

|                      |                   |
|----------------------|-------------------|
| Connection method    | LC duplex         |
| Transmission speed   | 10 Gbps           |
| Transmission physics | FO                |
| Transmission length  | 300 m             |
| No. of channels      | 1 (LC multi-mode) |

### Product properties

|              |                                   |
|--------------|-----------------------------------|
| Product type | SFP module                        |
| Format       | SFP (Small Form-factor Pluggable) |

### Signaling

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

### Electrical properties

|                                                 |       |
|-------------------------------------------------|-------|
| Maximum power dissipation for nominal condition | 0.6 W |
| Transmission medium                             | FO    |

#### Supply

|                         |                                |
|-------------------------|--------------------------------|
| Supply voltage          | 3.3 V (via Factoryline switch) |
| Power supply connection | via SFP slot                   |

### Connection data

|                   |                       |
|-------------------|-----------------------|
| Connection method | To insert in SFP slot |
|-------------------|-----------------------|

### Environmental and real-life conditions

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## Ambient conditions

|                                         |                                   |
|-----------------------------------------|-----------------------------------|
| Ambient temperature (operation)         | -40 °C ... 85 °C (non-condensing) |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C (non-condensing) |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 19179090 |
| ECLASS-15.0 | 19179090 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC002608 |
|-----------|----------|

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## Environmental product compliance

### EU RoHS

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

### China RoHS

|                                        |                                                                                                                                                                                                                                   |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environment friendly use period (EFUP) | EFUP-10                                                                                                                                                                                                                           |
|                                        | 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.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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