# PSM-SET-FSMA/4-KT - FO connectors

2799720

https://www.phoenixcontact.com/us/products/2799720

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FO connectors, degree of protection: IP20, number of positions: 2, MM, material: Metal, cable outlet: straight

## Your advantages

- Suitable for quick and easy field assembly or repair
- No bonding or polishing
- Flexible application, thanks to reusable connector
- Outstanding transmission properties
- Robust connector

## Commercial data

| | |
|---|---|
| Item number | 2799720 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB16 |
| Product key | ABNIAA |
| GTIN | 4017918156053 |
| Weight per piece (including packing) | 33.6 g |
| Weight per piece (excluding packing) | 27.2 g |
| Customs tariff number | 85367000 |
| Country of origin | PL |

## Technical data

### Product properties

| | |
|---|---|
| Product type | Fiber optic connector (cable side) |
| Type | FSMA |
| Number of positions | 2 |
| Cable outlet | straight |

#### Insulation characteristics

| | |
|---|---|
| Overvoltage category | I |
| Degree of pollution | 2 |

### Electrical properties

| | |
|---|---|
| Attenuation | < 1.5 dB (Insertion attenuation) |
| Transmission medium | FO |
| Transmission characteristics (category) | MM |

### Dimensions

#### Mechanical characteristics

| | |
|---|---|
| Ferrule diameter | 3.20 mm |

### Material specifications

| | |
|---|---|
| Flammability rating according to UL 94 | V0 |
| Housing material | Metal |

### Cable/line

| | |
|---|---|
| Cable type | Plastic-coated fiber |
| External cable diameter | 2.2 mm ... 2.2 mm |
| Individual wire diameter | 2.2 mm |
| Resistance to oil | yes |
| Flame resistance | yes |

#### FO cable

| | |
|---|---|
| Fiber | 980/1000 µm |
| Fiber type | POF |

### Characteristics

| | |
|---|---|
| Attenuation | < 1.5 dB (Insertion attenuation) |

### Environmental and real-life conditions

#### Ambient conditions

| | |
|---|---|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -40 °C ... 80 °C |
| Ambient temperature (storage/transport) | -40 °C ... 80 °C |

| Ambient temperature (assembly) | 0 °C ... 50 °C |
|---|---|
| Resistance to oil | yes |

## Standards and regulations

| Flame resistance | yes |
|---|---|
| Resistance to oil | yes |

## Mounting

| Mounting type | For field assembly |
|---|---|

## Classifications

### ECLASS

| ECLASS-13.0 | 19170122 |
|---|---|
| ECLASS-15.0 | 19170122 |

### ETIM

| ETIM 9.0 | EC001122 |
|---|---|

### UNSPSC

| UNSPSC 21.0 | 43223300 |
|---|---|

## 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% |