

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



FSMA plugs

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 |

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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 |

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

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Classifications

ECLASS

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

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC001122 |
|-----------|----------|

UNSPSC

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

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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 | 0.869 kg CO2e |
|---------|---------------|

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