

# 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
Catalog page	Page 376 (C-2-2019)
GTIN	4017918156053
Weight per piece (including packing)	33.6 g
Weight per piece (excluding packing)	32.3 g
Customs tariff number	85367000
Country of origin	PL

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## Technical data

### Product properties

Product type	Data connector (cable side)
Type	FSMA
Number of positions	2
Cable outlet	straight

### Data management status

Article revision	05
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### Insulation characteristics

Overvoltage category	I
Degree of pollution	2

### Electrical properties

Attenuation	< 1.5 dB (Insertion attenuation)
Transmission medium	FO
Transmission characteristics (category)	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)
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### 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

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## Standards and regulations

Flame resistance	yes
Resistance to oil	yes

## Mounting

Mounting type	For field assembly
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## Classifications

### ECLASS

ECLASS-11.0	19170122
ECLASS-12.0	19170122
ECLASS-13.0	19170122

### ETIM

ETIM 9.0	EC001122
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### 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%

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