PSM-SET-FSMA-LINK/2 - FO coupling

2799416

https://www.phoenixcontact.com/us/products/2799416

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Coupling; set consisting of 2 couplings for connecting F-SMA plugs



Your advantages

- High reliability with comprehensive quality assurance measures
- Optimized precision (stability) with the use of ceramic sleeves
- Future-proof, thanks to RoHS 2 conformity
- Tailored for compatibility with the DIN rail adapters

Commercial data

Item number	2799416
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIDA
GTIN	4017918118396
Weight per piece (including packing)	13 g
Weight per piece (excluding packing)	10.66 g
Customs tariff number	85367000
Country of origin	DE

Technical data

Product properties

Product type	Data plug
Application	FO coupling
Type	FSMA
Number of positions	2
Connection profile	FSMA

Electrical properties

Attenuation	< 2 dB
Transmission medium	FO

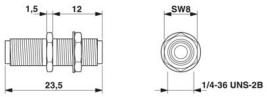
Connection data

Connection method	Coupling

Interfaces

Signal type/category	Ethernet

Dimensions

Dimensional drawing	
Depth	23.5 mm
Hole diameter	6.75 mm

Material specifications

Color	Bare metallic
Color of the housing part	silver
Material	Die-cast zinc
Flammability rating according to UL 94	V0
Housing material	Metal
Housing surface material	metal-plated
Contact surface material	Gold

Cable/line

Cable type	Fiberglass
External sheath, color	silver-colored
Tensile strength short-term/long-term	40 N
Resistance to oil	yes

FO cable

Number of fibers	2
Fiber type	GOF, PCF, POF
Attenuation	≤ 1.5 dB

Mechanical properties

Tensile strength short-term/long-term	40 N

Mechanical data

Insertion/withdrawal cycles	≥ 500

Characteristics

Attenuation	< 2 dB

Environmental and real-life conditions

Ambient conditions

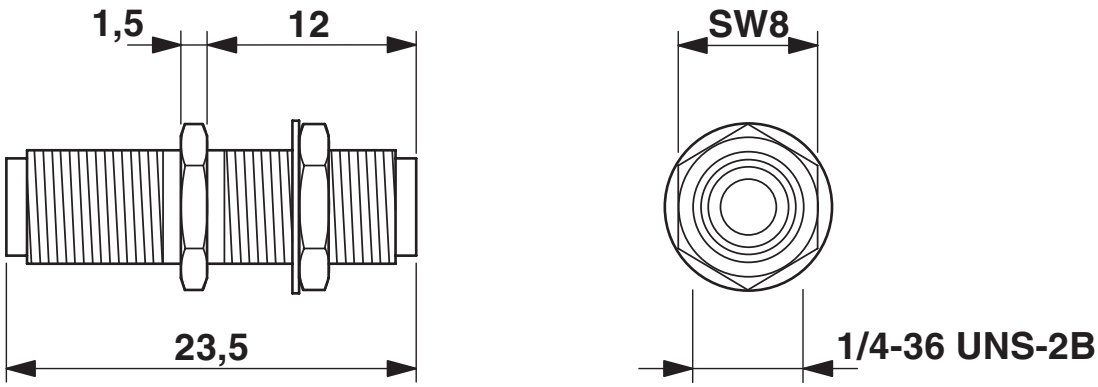
Degree of protection	IP20
	IP20
Ambient temperature (operation)	-25 °C ... 85 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	-5 °C ... 50 °C
Resistance to UV radiation	yes
Resistance to oil	yes

Standards and regulations

Resistance to oil	yes

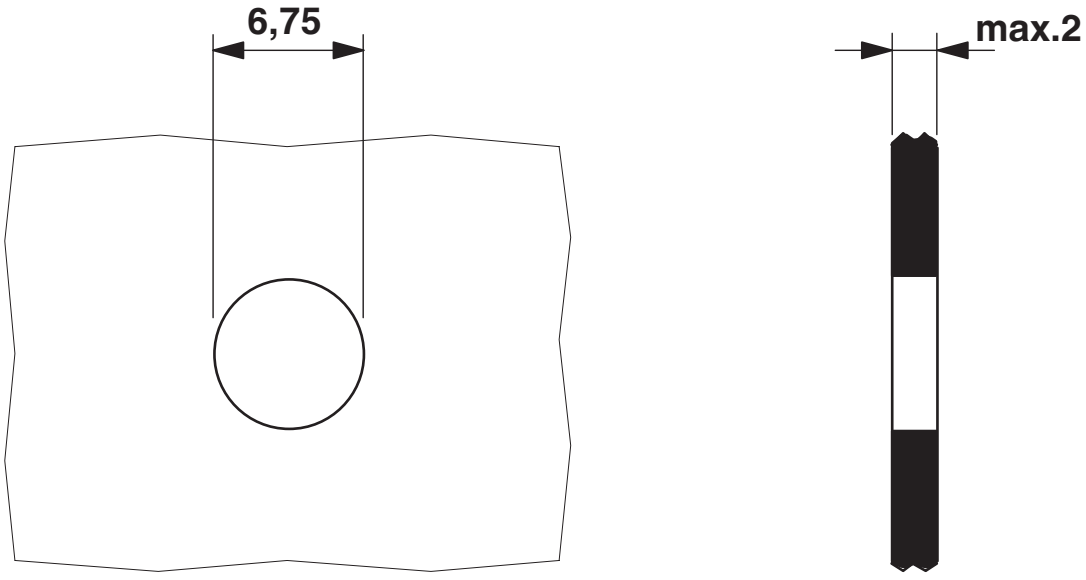
Drawings

Dimensional drawing



Dimensional drawing F-SMA coupling

Drilling plan/solder pad geometry



Drilling diagram F-SMA panel feed-through

Classifications

ECLASS

ECLASS-13.0	19170116
ECLASS-15.0	19170116

ETIM

ETIM 10.0	EC000752

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%

EF3.1 Climate Change

CO2e kg	2.454 kg CO2e

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