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
Sensor type	Ethernet
Number of positions	2
Connection profile	FSMA

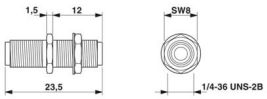
Electrical properties

Attenuation	< 2 dB
Transmission medium	FO

Connection data

Connection method	Coupling

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

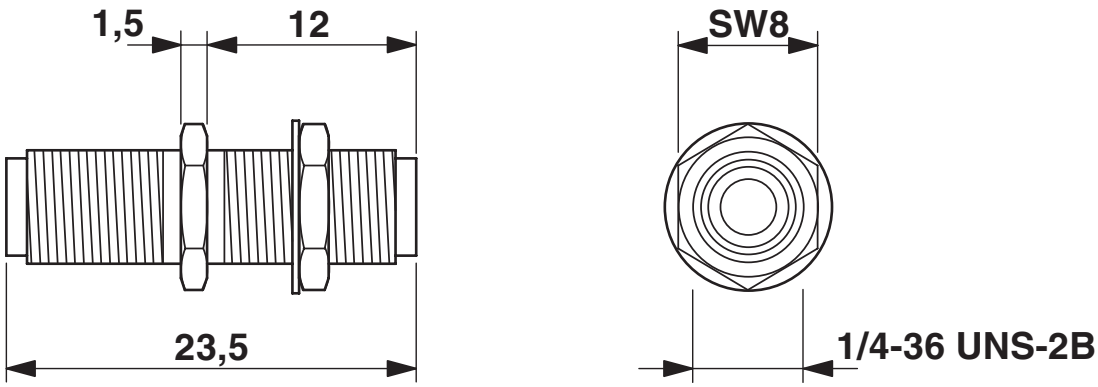
Degree of protection	IP20
	IP20
Ambient temperature (operation)	-25 °C ... 85 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	-5 °C ... 50 °C
Resistance to UV radiation	yes
Resistance to oil	yes

Standards and regulations

Resistance to oil	yes

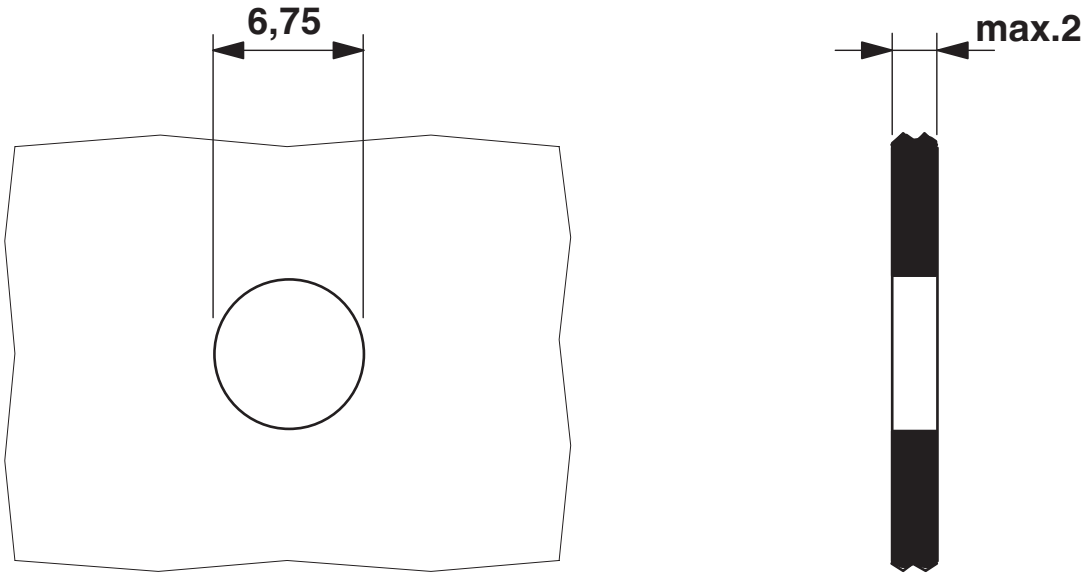
Drawings

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 9.0	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%

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