PHŒNIX CONTACT

Housing screw connection - SACC-FP-F-M12/M14 SMD - 1412079

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M12 female connector, front mounting SMD with M14 screw fastening

Your advantages

☑ Reduced mounting costs thanks to two-piece device connector

☑ Easy device integration, thanks to mechanical port screw connections with threaded fastening

☑ Efficient PCB assembly: two-piece connectors for SMT soldering

RoHS

Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	4 046356 992954
GTIN	4046356992954

Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)
Degree of protection	IP67 (correctly plugged in and locked)

General

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Standards/regulations	M12 connector IEC 61076-2-101 In line with
Insertion/withdrawal cycles	> 100
Torque	2 Nm ... 3 Nm (Installation-side)
Mounting type	Front mounting M14 x 1

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Technical data

Material

Material, knurls	Nickel-plated brass
Material	Brass, nickel-plated
Sealing material	FKM (O-ring on housing)
	FKM (O-ring (pin connector pattern))

Cable

Standards/specifications	M12 connector IEC 61076-2-101 In line with

Standards and Regulations

Standards/specifications	M12 connector IEC 61076-2-101 In line with

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

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Dimensional drawing
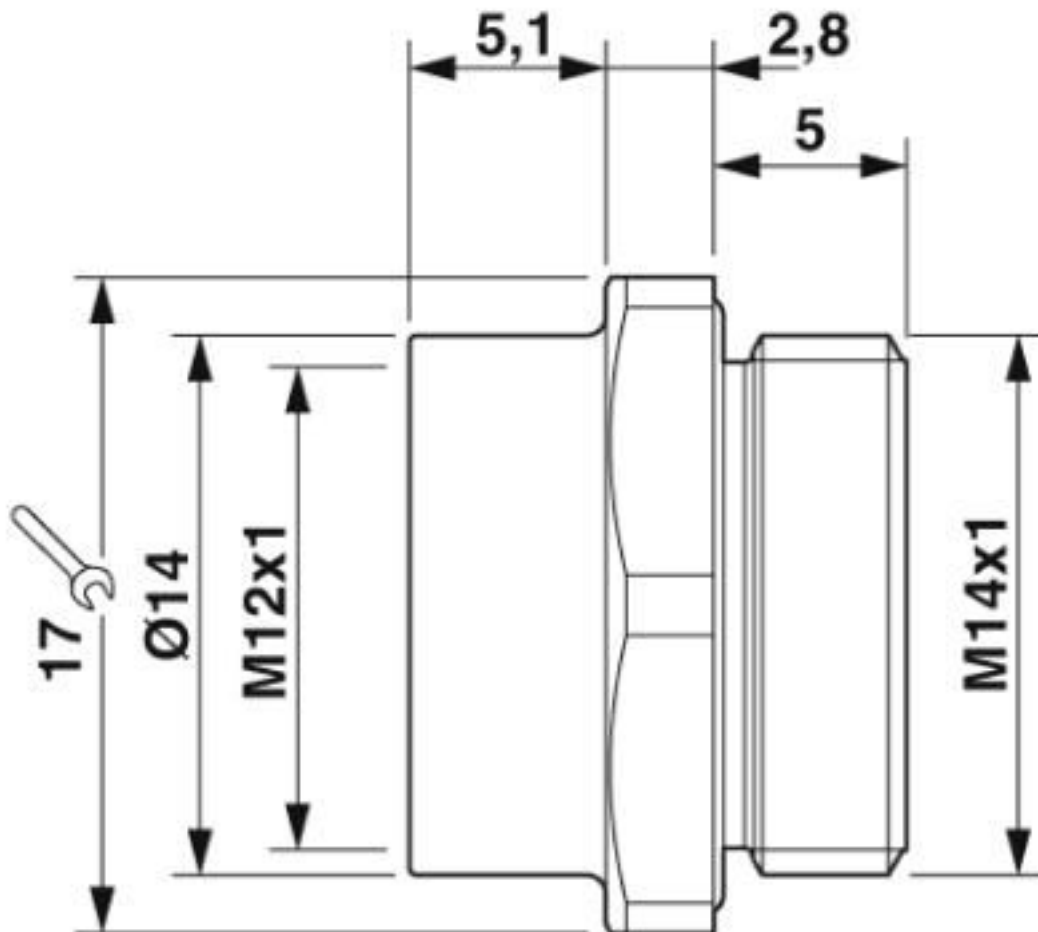
Classifications

eCl@ss

eCl@ss 10.0.1	27371392
eCl@ss 4.0	27378000
eCl@ss 4.1	27378000
eCl@ss 5.0	27379100
eCl@ss 5.1	27379100
eCl@ss 6.0	27379200
eCl@ss 7.0	27379201
eCl@ss 8.0	27379201
eCl@ss 9.0	27379201

ETIM

ETIM 5.0	EC002498
ETIM 6.0	EC002498

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Classifications

ETIM

ETIM 7.0	EC002498

UNSPSC

UNSPSC 13.2	39121421
UNSPSC 18.0	39121421
UNSPSC 19.0	39121421
UNSPSC 20.0	39121421
UNSPSC 21.0	39121421

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC	EAC	B.01687

Accessories

Accessories

Data plug

Flat nut - SACC-M14-NUT - 1412077

Flat nut with M14 thread

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