RF-06M1N12WA00 - Device connector front mounting

1617486

https://www.phoenixcontact.com/us/products/1617486

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Device connector front mounting, straight, Screw locking mechanism, M23, number of positions: 6, contact connection type: Pin, Axial O-ring, 4x Ø 3.2, shielded: yes, degree of protection: IP67, number of positions: 6, connection method: Solder connection, series: RF

Commercial data

Item number	1617486
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAGL
GTIN	4046356602594
Weight per piece (including packing)	40.02 g
Weight per piece (excluding packing)	40.02 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Mounting

Mounting	4x Ø 3.2

Product properties

Product type	Circular connectors (device side)
Series	RF
Application	Signal
Number of positions	6
Connection profile	6
Shielded	yes
Coding	N
Thread type	M23

Material specifications

Flammability rating according to UL 94	V0
Seal material	FPM

Electrical properties

Contact

Contact diameter	2 mm
Min. cross section	0.08 mm²
Max. cross section	2.5 mm²
Max. current	20 A
Nominal voltage U_N	48 V AC 74 V DC
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

Connection data

Conductor connection

Connection method	Solder connection
Contact connection type	Pin

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50

Connector

Type	straight
Direction of rotation	Standard

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-40 °C ... 125 °C
Altitude	2000 m

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Drawings

Dimensional drawing
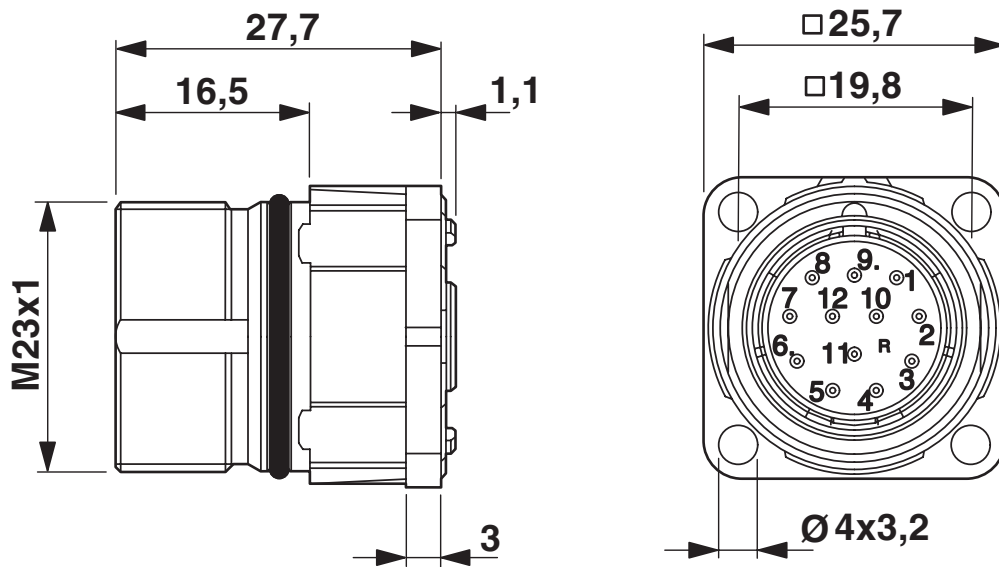
Schematic diagram
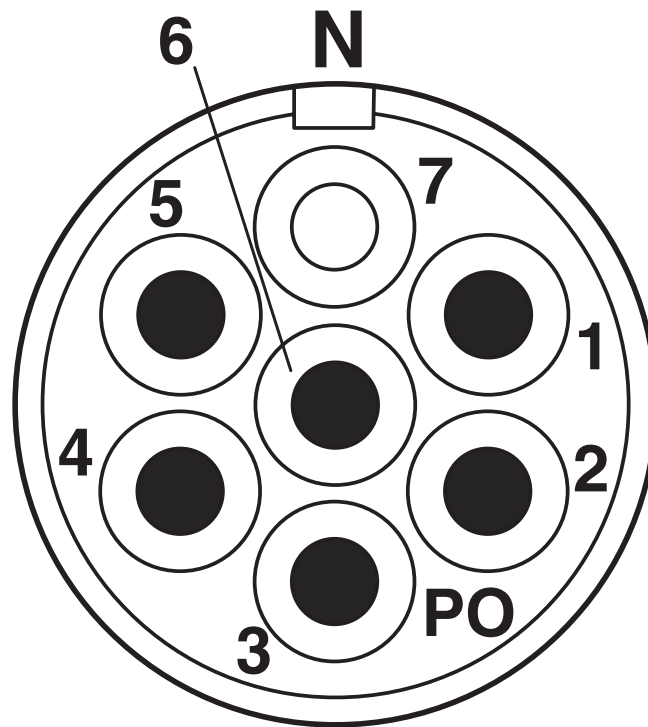
Dimensional drawing

4x Ø3,2

19,8

19,8

□25,7

M23 x 1

28,8
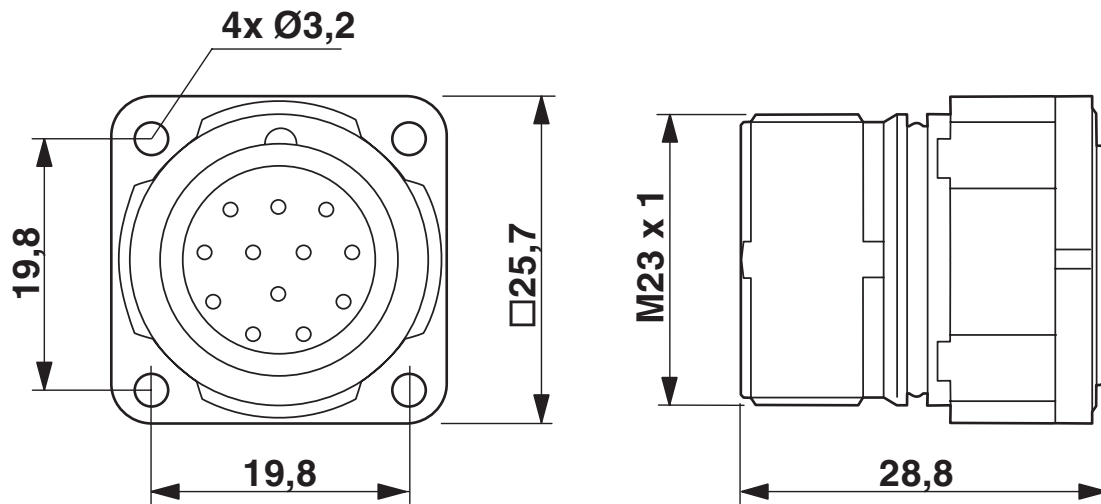
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Classifications

ECLASS

ECLASS-11.0	27440109

UNSPSC

UNSPSC 21.0	39121413

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)