

RF-12P2N8AWA00S - Device connector front mounting



1617589

<https://www.phoenixcontact.com/us/products/1617589>

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Device connector front mounting, application: Feedback, signal, straight, SPEEDCON, M23, number of positions: 12, contact connection type: Pin, Axial O-ring, 4x Ø 3.2, shielded: yes, number of positions: 12, connection method: Crimp connection, series: RF

The figure shows the product version with standard contact chamber numbering

Commercial data

Item number	1617589
Packing unit	40 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAGL
GTIN	4046356630443
Weight per piece (including packing)	112.8 g
Weight per piece (excluding packing)	112.8 g
Country of origin	DE

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Technical data

Notes

Order information:	Order crimp contacts Ø 1 mm separately
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Product properties

Product type	Circular connectors (device side)
Series	RF
Application	Feedback, signal Signal
Number of positions	12
Connection profile	12
Shielded	yes
Coding	N
Thread type	M23

Material specifications

Seal material	FPM
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Electrical properties

Contact

Contact diameter	1 mm
Nominal current I_N	8 A
Nominal voltage U_N	150 V
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	2.5 kV

Connection data

Conductor connection

Connection method	Crimp connection
Contact connection type	Pin

Connector

Type	straight
Direction of rotation	Counter direction

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-20 °C ... 125 °C
Altitude	2000 m

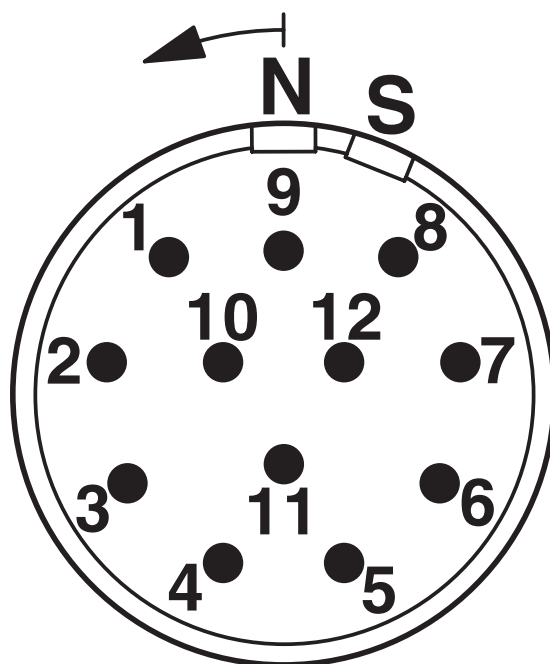
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Drawings

Schematic diagram



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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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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