

RF-16P1N8AWV00 - Device connector front mounting



1613719

<https://www.phoenixcontact.com/us/products/1613719>

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Device connector front mounting, application: Feedback, signal, straight, Screw locking mechanism, M23, number of positions: 16, contact connection type: Pin, Axial O-ring, 4x Ø 3.2, shielded: yes, number of positions: 16, connection method: Crimp connection, series: RF

The figure shows the 12-pos. product version

Commercial data

Item number	1613719
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAGL
GTIN	4046356443449
Weight per piece (including packing)	80 g
Weight per piece (excluding packing)	80 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
Number of positions	16
Connection profile	16
Shielded	yes
Coding	N
Thread type	M23

Material specifications

Seal material	FPM
Housing material	High-grade steel 1.4305

Electrical properties

Contact

Contact diameter	1 mm
Nominal current I_N	8 A
Nominal voltage U_N	100 V
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

Connection data

Conductor connection

Connection method	Crimp connection
Contact connection type	Pin

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

Drawings

Dimensional drawing



Dimensional drawing



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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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