RF-17S2N8AAF00 - Device connector front mounting

1607898

https://www.phoenixcontact.com/pc/products/1607898

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Device connector front mounting, angled fixed, Screw locking mechanism, M23, number of positions: 17, contact connection type: Socket, Axial O-ring, shielded: yes, flange dimensions: 26 mm x 26 mm, number of positions: 17, connection method: Crimp connection, series: RF

Commercial data

Item number	1607898
Packing unit	16 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAGM
GTIN	4046356269407
Weight per piece (including packing)	132.63 g
Weight per piece (excluding packing)	117.345 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

Order information:	Order crimp contacts Ø 1 mm separately

Mounting

Mounting type	Front mounting/square flange (4x Ø 3.2 mm)

Product properties

Product type	Circular connectors (device side)
Series	RF
Application	Signal
	Signal
Number of positions	17
Connection profile	17
Shielded	yes
Coding	N
Thread type	M23

Dimensions

Housing

Flange dimensions	26 mm x 26 mm

Material specifications

Material Housing	GD-Zn
Material Rotating parts	CuZn
Material Insulating body	PA 6.6
Material Seal	FPM (O-ring)

Electrical properties

Contact

Contact diameter	1 mm
Nominal current I_N	8 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	Crimp connection

Contact connection type	Socket

Connector

Type	angled fixed
Direction of rotation	Counter direction

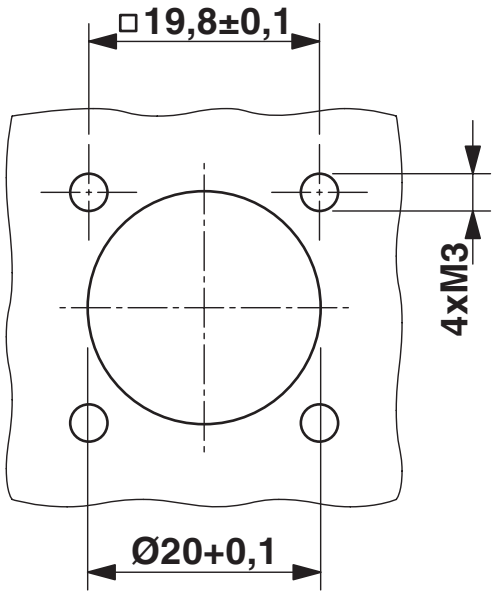
Environmental and real-life conditions

Ambient conditions

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

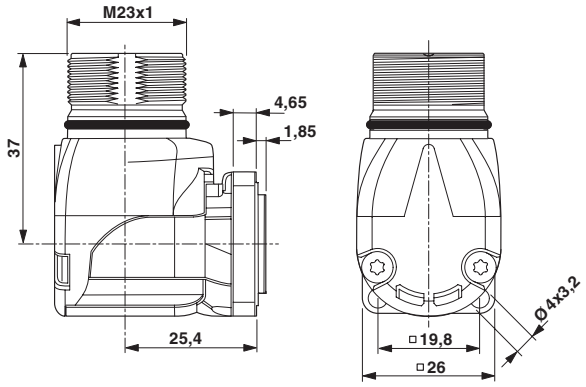
Drawings

Dimensional drawing



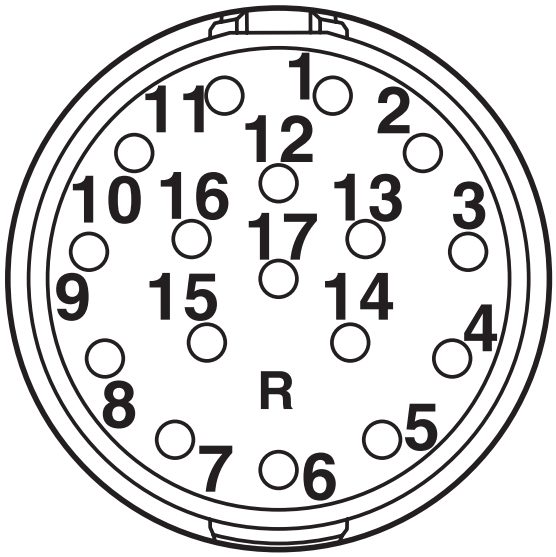
Installation dimensions

Dimensional drawing



Dimensional drawing

Schematic diagram



Connector pin assignment

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/pc/products/1607898

cUL Recognized
Approval ID: E153698-20090723

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	48 V	1 A	26	-

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Classifications

ECLASS

ECLASS-13.0	27440109
ECLASS-15.0	27440109

ETIM

ETIM 9.0	EC003569

UNSPSC

UNSPSC 21.0	39121400

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%

Accessories

PROT-M23PRO-OT-IP20 - Plastic protective cap

1055753

https://www.phoenixcontact.com/pc/products/1055753



Plastic protective cap, M23, series: M23 PRO

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