

RC-19P1NT24100 - Device connector rear mounting



1602721

<https://www.phoenixcontact.com/us/products/1602721>

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M23, Device connector rear mounting, series: RC, straight, Screw locking mechanism, No. of pos.: 16+3, Direction of rotation: Standard, contact connection type: Pin, Solder-in connection, Flat gasket, 4xM3, Panel thickness min.: 2.7 mm, Panel thickness max.: 3.5 mm, coding: N

Commercial data

Item number	1602721
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAFR
GTIN	4046356241199
Weight per piece (including packing)	39.31 g
Weight per piece (excluding packing)	33.64 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Circular connectors (device side)
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Connector

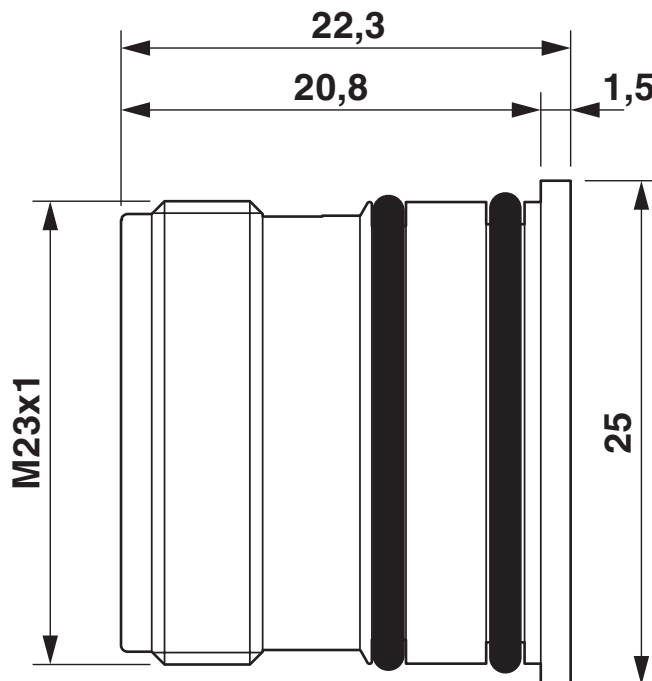
Insulating body	
Coding	N
Connection method	Solder-in connection
Contact switching type	Pin
Application	Signal
Number of positions	19
Direction of rotation	Standard
Connection profile	16+3
Contact diameter	1.5 mm
Power contacts	
Rated current	10 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Signal contacts	
Contact diameter	1 mm
Nominal current per signal contact	8 A

Housing

Housing material	Metal
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

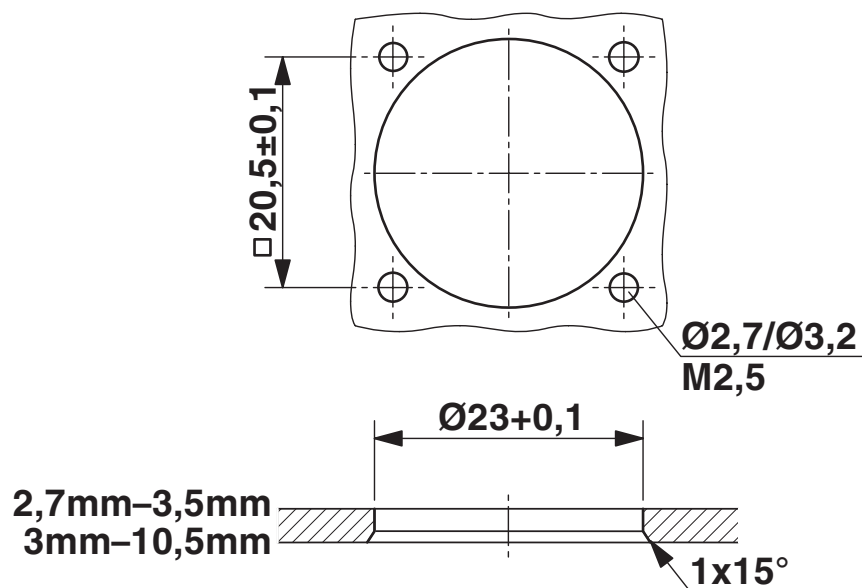
Drawings

Dimensional drawing



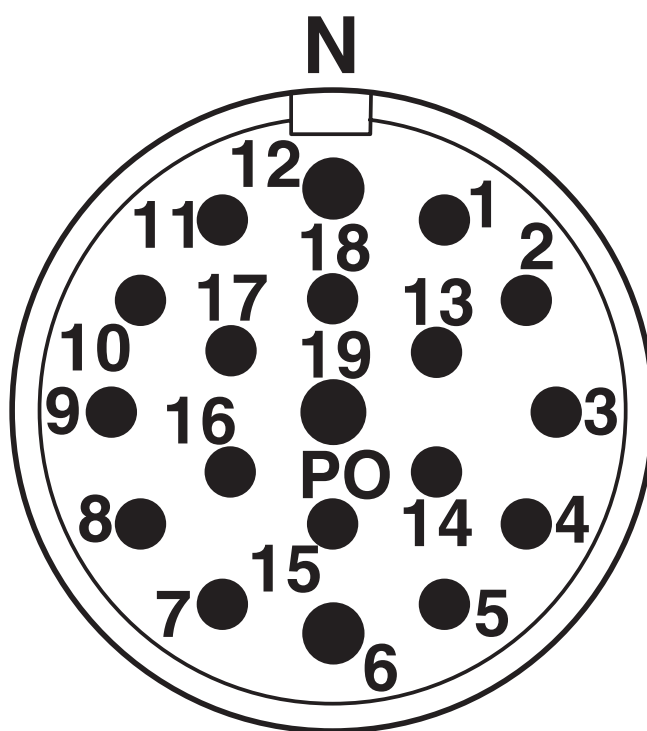
Dimensional drawing

Dimensional drawing



Installation dimensions

Schematic diagram



Connector pin assignment

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Classifications

UNSPSC

UNSPSC 21.0	39121413
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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.)	No substance above 0.1 wt%