

1601964
<https://www.phoenixcontact.com/ie/products/1601964>

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M23, Device connector rear mounting, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 17, Direction of rotation: Standard, contact connection type: Socket, Solder cup, Axial O-ring, Central fastening M25 x 1.5, Panel thickness min.: 0.8 mm, Panel thickness max.: 6.5 mm, coding: N

Commercial data

Item number	1601964
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	*****
Product key	ABRAFR
GTIN	4046356237499
Weight per piece (including packing)	75.6 g
Weight per piece (excluding packing)	58.34 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
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Socket
Application	Signal
Number of positions	17
Direction of rotation	Standard
Connection profile	17
Contact diameter	1 mm
Power contacts	
Litz wire cross-section Power contacts min.	0.08 mm²
Litz wire cross-section Power contacts max.	1 mm²
Rated current Power contacts	8 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

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

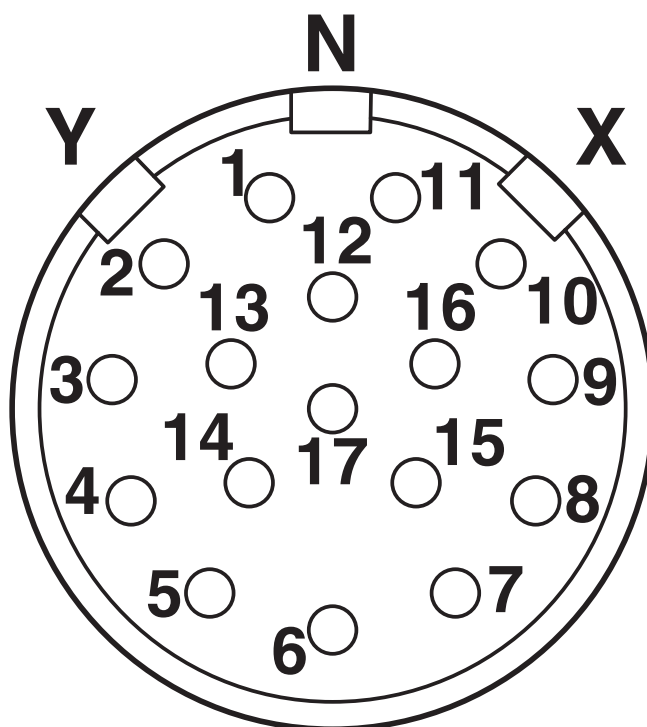
RC-17S1N12H000 - Device connector rear mounting

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Drawings

Schematic diagram



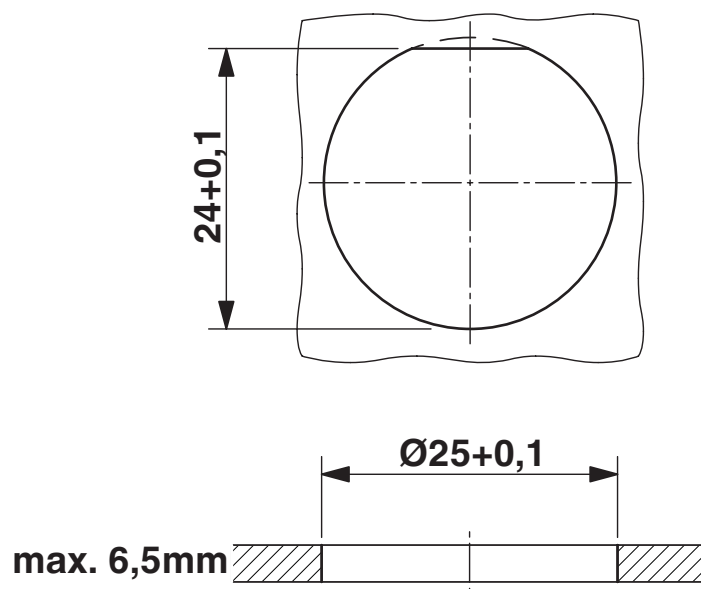
Connector pin assignment

RC-17S1N12H000 - Device connector rear mounting

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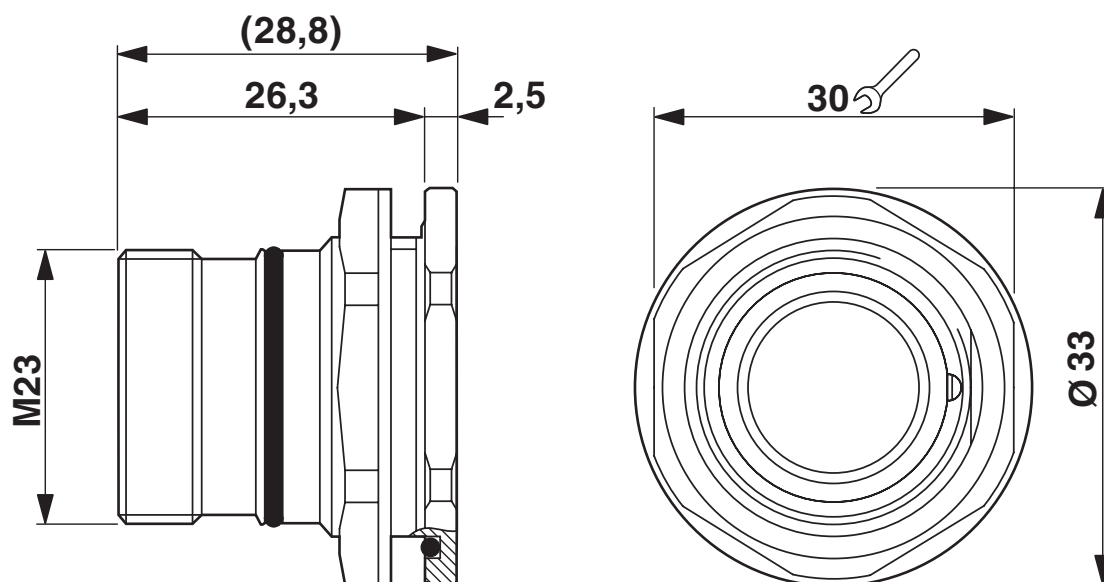
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Dimensional drawing



Installation dimensions

Dimensional drawing



Dimensional drawing

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