

RC-16S1N122K00 - Device connector front mounting



1600850

<https://www.phoenixcontact.com/us/products/1600850>

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The figure shows the 12-pos.
product version

M23, Device connector front mounting, application: Signal, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 16, Direction of rotation: Standard, contact connection type: Socket, Solder cup, Flat gasket, flange dimensions: 25 mm x 25 mm, coding: N

Commercial data

Item number	1600850
Packing unit	40 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFL
GTIN	4046356232081
Weight per piece (including packing)	33.17 g
Weight per piece (excluding packing)	33.17 g
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
Material (Insulating body)	PBT
Material (Contact)	CuZn
Material (Contact surface)	Ni/Au
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Socket
Application	Signal
Number of positions	16
Direction of rotation	Standard
Connection profile	16
Number (Contact group 1)	16
Contact diameter (Contact group 1)	1 mm
Litz wires Min. cross section (Contact group 1)	0.08 mm ²
Litz wires Max. cross section (Contact group 1)	1 mm ²
Rated current Contact (Contact group 1)	8 A (for max. connection cross section)
Rated voltage Contact (Contact group 1)	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing

Order information:	Order contact inserts separately
Type	Flange housing
Thread type	M23
Design	straight
Type of locking	Screw locking mechanism
Pg screw connection	none
Mounting type	Front mounting/square flange (4x Ø 2.7 mm)
Flange dimensions	25 mm x 25 mm
Housing material	GD-Zn
Degree of protection (plugged in)	IP67
Seal for the device	Flat gasket

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Drawings

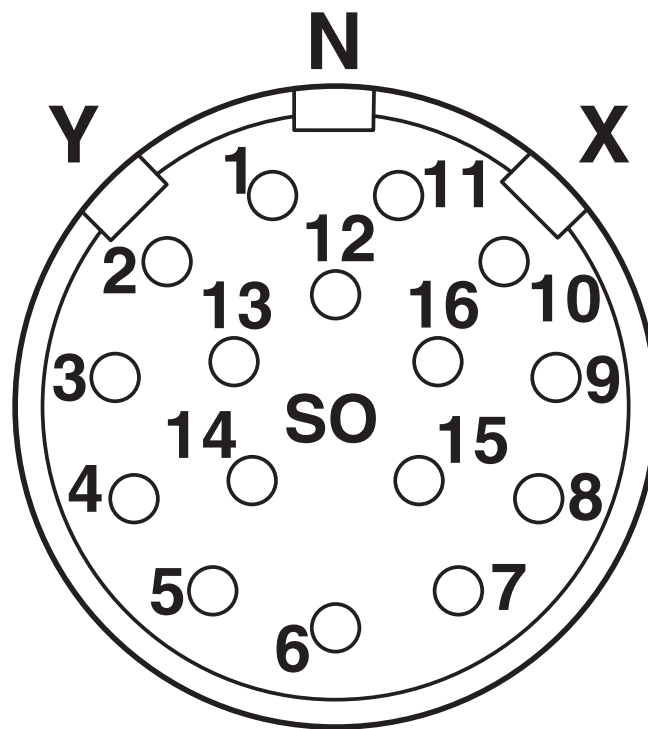


Installation dimensions



Installation dimensions

Schematic diagram



Connector pin assignment

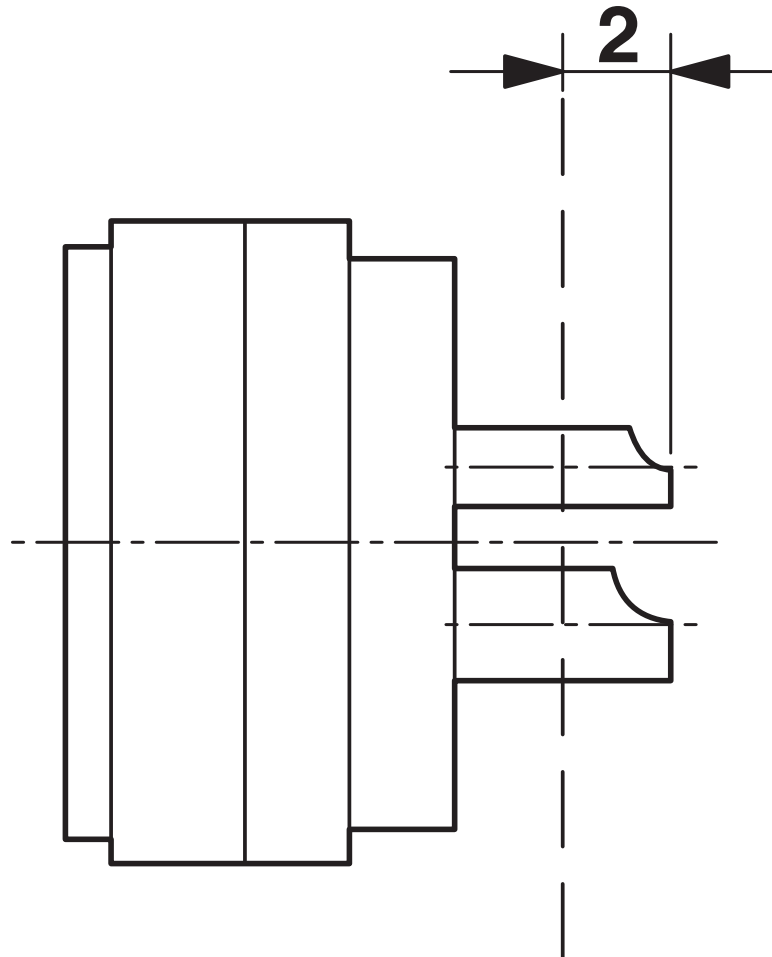
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Schematic diagram



Dimensional drawing

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