

RC-06P1N12C152 - Rear panel feed-through



1593260

<https://www.phoenixcontact.com/us/products/1593260>

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M23, Rear panel feed-through, application: Signal, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Pin, Solder cup, Flat gasket, Panel thickness max.: 2.5 mm, cable diameter range: 7.5 mm ... 9.5 mm, coding: N

Commercial data

Item number	1593260
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFJ
GTIN	4046356195218
Weight per piece (including packing)	89.13 g
Weight per piece (excluding packing)	89.13 g
Country of origin	DE

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Technical data

Product properties

Product type	Circular connector (cable-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	Pin
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Number (Contact group 1)	6
Litz wires Min. cross section (Contact group 1)	0.08 mm ²
Litz wires Max. cross section (Contact group 1)	2.5 mm ²
Rated current Contact (Contact group 1)	20 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

Type	Feed-through header
Thread type	M23
Design	straight
Type of locking	Screw locking mechanism
Pg screw connection	none
Mounting type	Rear mounting/square flange (4x M3)
Material (Housing)	Metal
Degree of protection (plugged in)	IP67
Seal for the device	Flat gasket

Seal

External cable diameter	7.5 mm ... 9.5 mm
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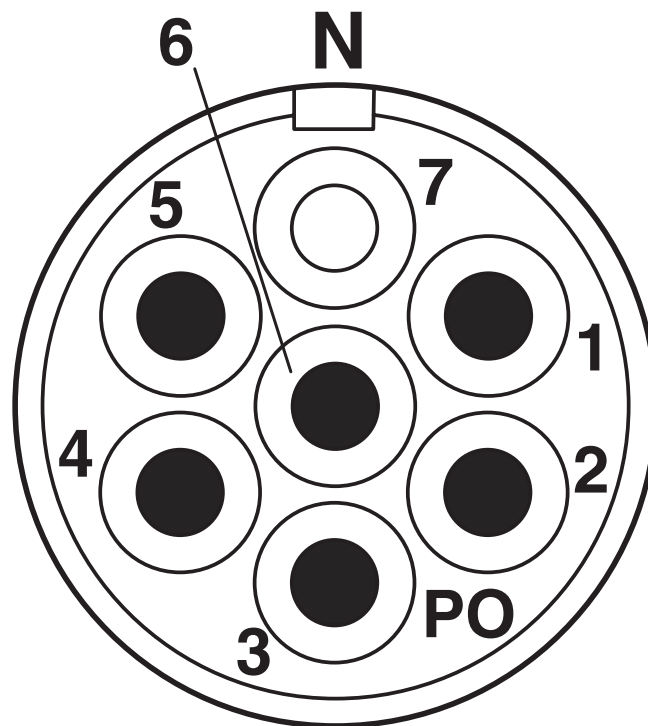
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Drawings

Schematic diagram



Connector pin assignment

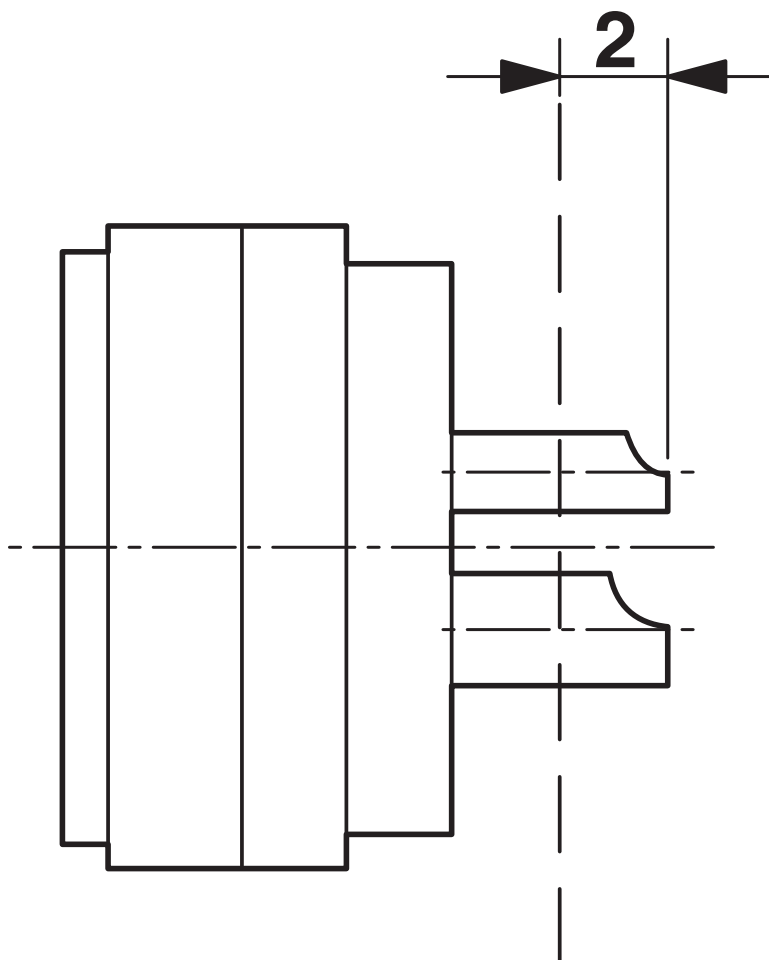
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Schematic diagram



Dimensional drawing

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