

1625873

<https://www.phoenixcontact.com/us/products/1625873>

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M23, Front 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, Crimp connection, Radial O-ring, Panel thickness min.: 3 mm, Panel thickness max.: 7 mm, cable diameter range: 3 mm ... 10.5 mm, coding: N

Commercial data

Item number	1625873
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFJ
GTIN	4046356730648
Weight per piece (including packing)	76.205 g
Weight per piece (excluding packing)	72.13 g
Country of origin	DE

RC-06P1N8AB2EN - Front panel feed-through



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Technical data

Notes

Order information:	Order crimp contacts Ø 2 mm separately
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Product properties

Product type	Circular connector (cable-side)
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Connector

Insulating body

Note	Order information: Order crimp contacts Ø 2 mm separately
Coding	N
Material (Insulating body)	PA 6.6
Flammability rating according to UL 94	V0
Connection method	Crimp connection
Contact switching type	Pin
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Number (Contact group 1)	6
Contact diameter (Contact group 1)	2 mm
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 without insert
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)
Material (Housing)	GD-Zn
Material (Rotating parts)	CuZn
Seal material	FPM or NBR or EPDM
Degree of protection (plugged in)	IP67
Seal for the device	Radial O-ring

Seal

External cable diameter	3 mm ... 10.5 mm
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Seal material	NBR
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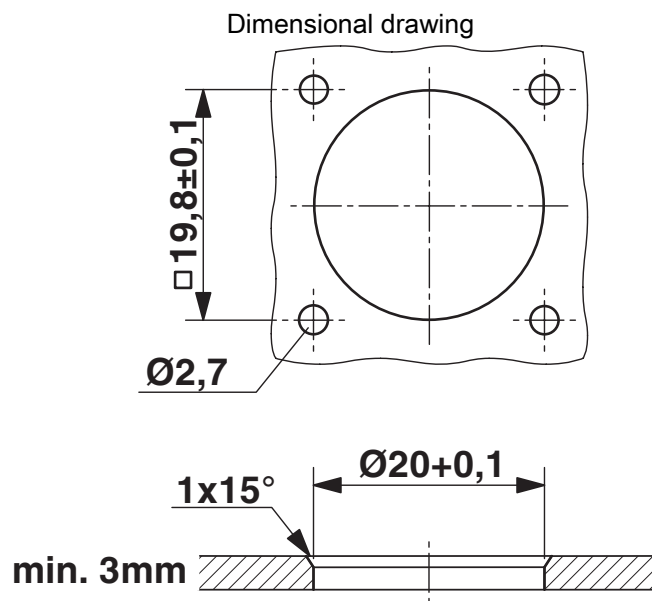
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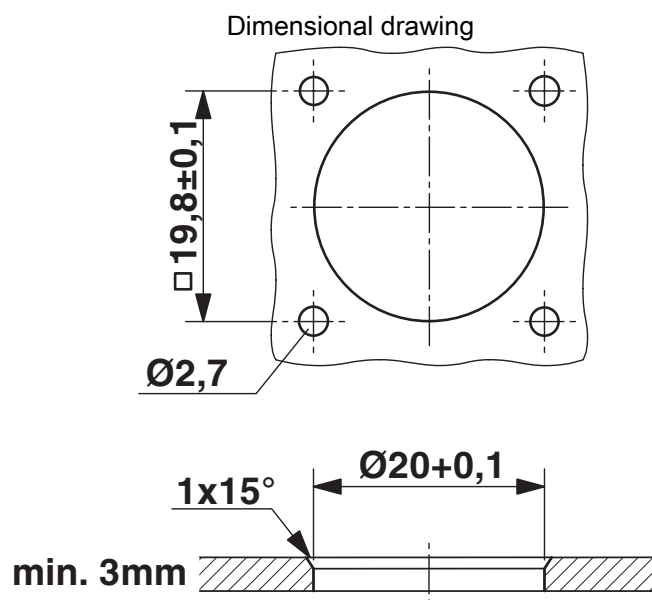
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Drawings



Installation dimensions



Installation dimensions

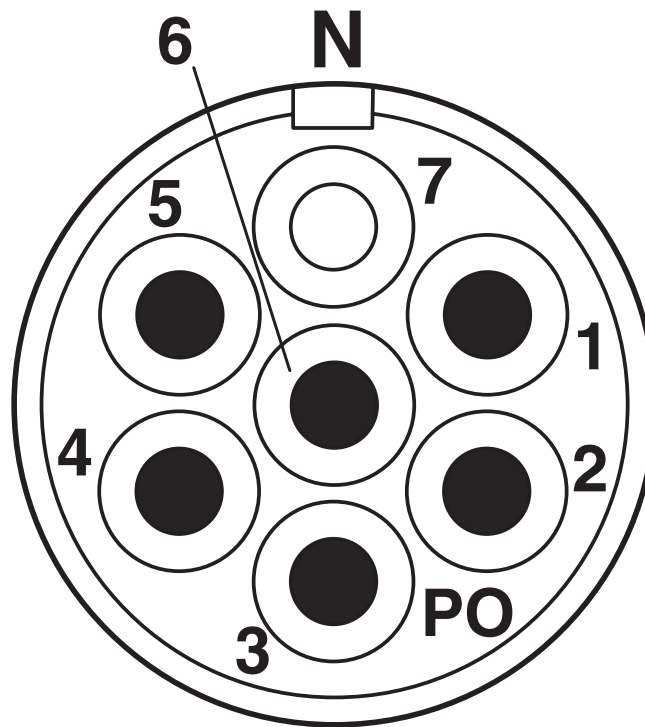
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Schematic diagram



Connector pin assignment

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