

# RC-06S1N8AB1DM - Front panel feed-through



1594098

<https://www.phoenixcontact.com/us/products/1594098>

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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: Socket, Crimp connection, Flat gasket, Panel thickness min.: 3 mm, Panel thickness max.: 7 mm, cable diameter range: 9.5 mm ... 10.5 mm, coding: N

## Commercial data

Item number	1594098
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFJ
GTIN	4046356199650
Weight per piece (including packing)	78.52 g
Weight per piece (excluding packing)	73.65 g
Country of origin	DE

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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
Connection method	Crimp connection
Contact switching type	Socket
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

Order information:	Order contact inserts and cable clamping/shield accessories separately
Type	Feed-through header
Thread type	M23
Design	straight
Type of locking	Screw locking mechanism
Pg screw connection	none
Mounting type	Front mounting/square flange (4x Ø 3.2 mm)
Material (Housing)	Metal
Degree of protection (plugged in)	IP67
Seal for the device	Flat gasket

#### Seal

External cable diameter	9.5 mm ... 10.5 mm
Seal material	NBR

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## Drawings

Schematic diagram



Connector pin assignment

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