RC-09S1N8AB1NY - Front panel feed-through

1617796

https://www.phoenixcontact.com/us/products/1617796

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The figure shows the product with assembled crimp contacts. Please order crimp contacts separately.

M23, Front panel feed-through, application: Signal, series: RC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 8+1, 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: 7.5 mm ... 9.5 mm, coding: N. This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives.

Commercial data

Item number	1617796
Packing unit	20 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAFJ
GTIN	4046356739917
Weight per piece (including packing)	77.3 g
Weight per piece (excluding packing)	73.693 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

Order information:	Order crimp contacts 8 x Ø 1 mm, 1 x Ø 2 mm separately

Product properties

Product type	Circular connectors (device side)

Connector

Insulating body

Note	Order information: Order crimp contacts 8 x Ø 1 mm, 1 x 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	9
Direction of rotation	Standard
Connection profile	8+1
Number (Contact group 1)	1
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
Number (Contact group 2)	8
Contact diameter (Contact group 2)	1 mm
Rated current Contact (Contact group 2)	8 A
Rated voltage Contact (Contact group 2)	48 V AC
	48 V AC

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

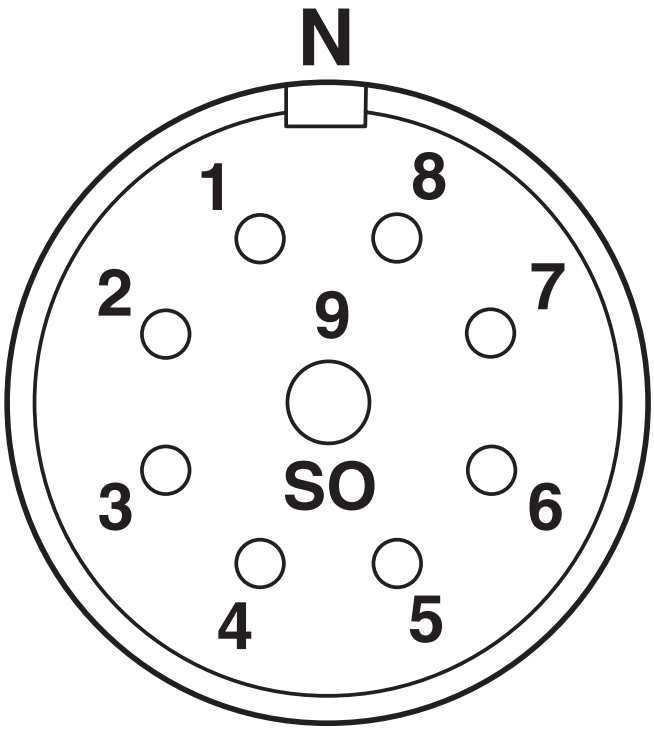
Degree of protection (plugged in)	IP67
Seal for the device	Flat gasket

Seal

External cable diameter	7.5 mm ... 9.5 mm

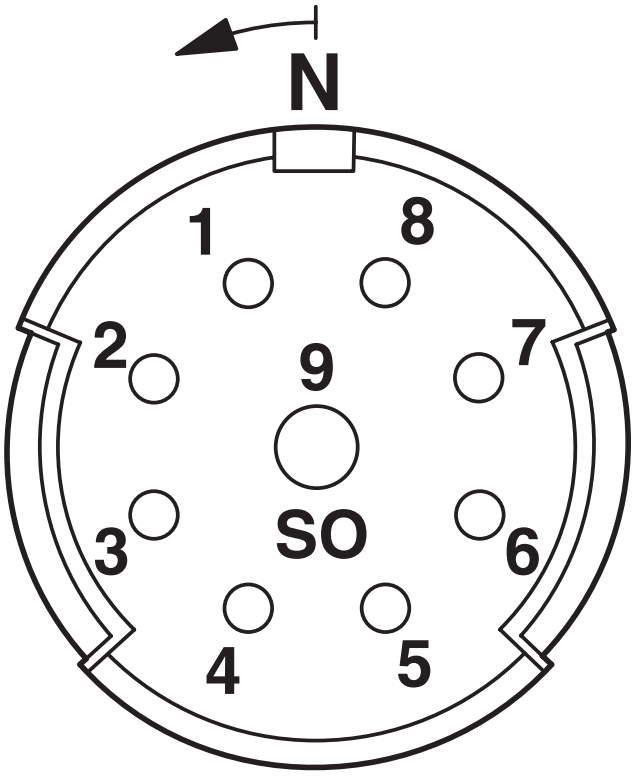
Drawings

Schematic diagram



Connector pin assignment

Schematic diagram



Connector pin assignment

Classifications

ECLASS

ECLASS-13.0	27440109
ECLASS-15.0	27440109

ETIM

ETIM 10.0	EC003569

UNSPSC

UNSPSC 21.0	39131500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	5e32c848-26a7-44dc-a95c-ab37d03e9ce3

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