

RC-12S1N8A80J9 - Cable connector



1615371

<https://www.phoenixcontact.com/us/products/1615371>

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M23, Cable connector, straight, Screw locking mechanism, No. of pos.: 12, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, cable diameter range: 5.5 mm ... 6.5 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	1615371
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFA
GTIN	4046356883054
Weight per piece (including packing)	73.15 g
Weight per piece (excluding packing)	68.443 g
Country of origin	DE

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Technical data

Notes

Order information:	Order crimp contacts Ø 1 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 1 mm separately	
Coding	N	
Material (Insulating body)	PA 6.6	
Connection method	Crimp connection	
Contact switching type	Socket	
Application	Signal	
Number of positions	12	
Direction of rotation	Standard	
Connection profile	12	
Number Contact (Contact group 1)	12	
Diameter Contact (Contact group 1)	1 mm	
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

Note	Order contact inserts separately	
Type	Cable connector housing	
Thread type	M23	
Design	straight	
Type of locking	Screw locking mechanism	
Pg screw connection	none	
Material (Housing)	Metal	
Degree of protection (plugged in)	IP65	
	IP67	
	IP68	

Seal

External cable diameter	5.5 mm ... 6.5 mm
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Environmental and real-life conditions

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Ambient conditions

Permissible humidity (storage/transport)
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50 % ... 65 %

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Drawings

Schematic diagram



Connector pin assignment

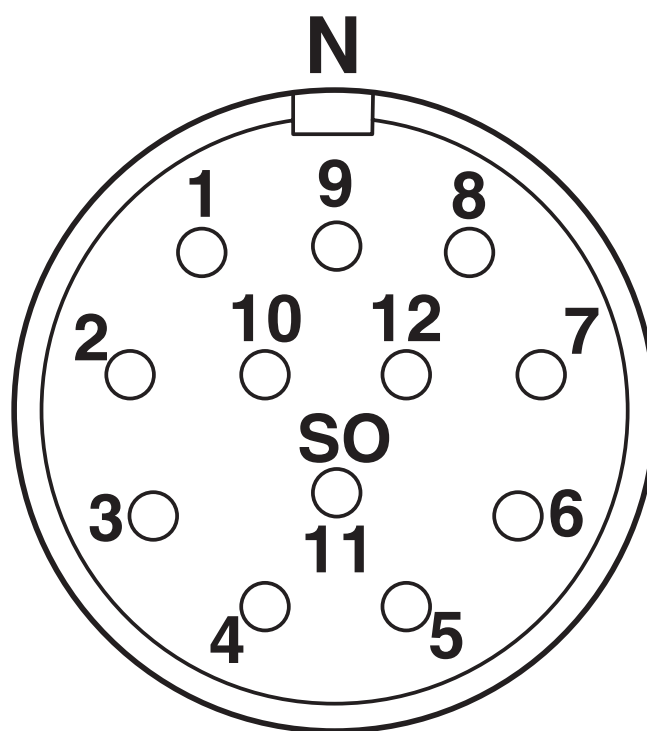
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Schematic diagram



Connector pin assignment

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Classifications

ECLASS

ECLASS-13.0	27440116
ECLASS-15.0	27440116

ETIM

ETIM 9.0	EC002635
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UNSPSC

UNSPSC 21.0	39121400
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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	a88e6bfe-ccf4-4521-8d59-7d8a365d5e1e

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