RC-12S2N8A80EL - Cable connector

1600131

https://www.phoenixcontact.com/us/products/1600131

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M23, Cable connector, straight, shielded: no, Screw locking mechanism, No. of pos.: 12, Direction of rotation: Counter direction, contact connection type: Socket, Crimp connection, cable diameter range: 3 mm ... 10.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241173

Commercial data

Item number	1600131
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAFA
GTIN	4046356228695
Weight per piece (including packing)	73.88 g
Weight per piece (excluding packing)	69.29 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

General	Order crimp contacts Ø 1 mm separately

Product properties

Product type	Circular connector (cable-side)

Connector

Insulating body

Note	Order information: Order crimp contacts Ø 1 mm separately
Coding	N
Connection method	Crimp connection
Contact switching type	Socket
Application	Signal
Number of positions	12
Direction of rotation	Counter direction
Connection profile	12
Contact diameter Power contacts	1 mm
Rated current Power contacts	8 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing

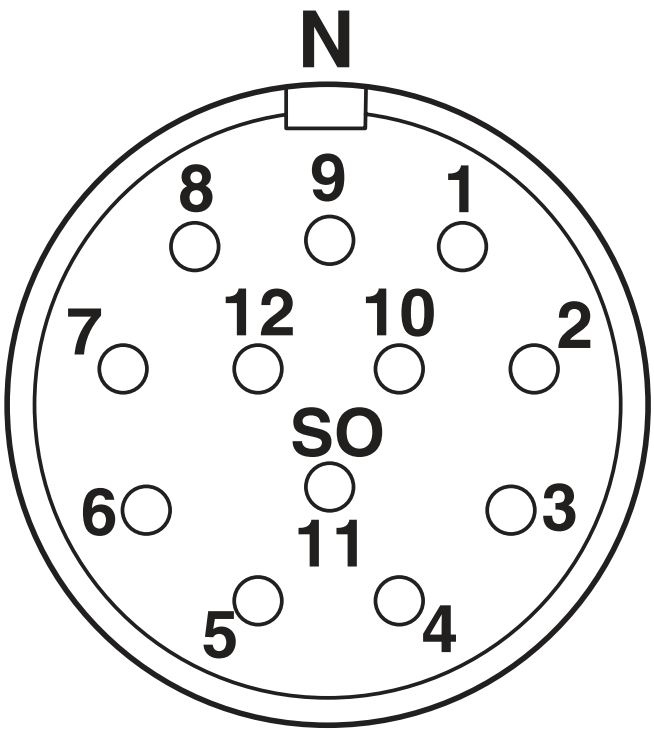
Order information:	Order contact inserts separately
Housing material	Metal
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP65
	IP67
	IP68
Thread type	M23

Seal

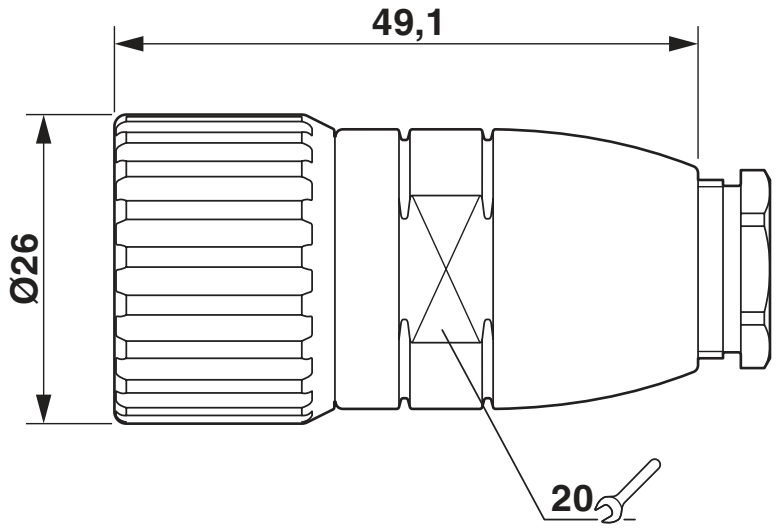
External cable diameter	3 mm ... 10.5 mm
Seal material	NBR

Drawings

Schematic diagram



Dimensional drawing



Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 8.0	EC002635

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

REACh SVHC	Lead 7439-92-1

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer’s declaration available under “Downloads”

Accessories

RC-11S2000 - Crimp contact

1596772

https://www.phoenixcontact.com/us/products/1596772

Crimp contact, Socket, turned, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm^2 ... 0.22 mm^2, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241093

RC-12S2000 - Crimp contact

1599600

https://www.phoenixcontact.com/us/products/1599600

Crimp contact, Socket, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm^2 ... 0.56 mm^2, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241093

RC-1KS2000 - Crimp contact

1602998

https://www.phoenixcontact.com/us/products/1602998

Crimp contact, Socket, turned, Single contact, contact diameter: 1 mm, crimp range: 0.5 mm^2 ... 1 mm^2, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1241572

RC-22S2000 - Crimp contact

1603327

https://www.phoenixcontact.com/us/products/1603327

Crimp contact, Socket, rolled, Single contact, contact diameter: 1 mm, crimp range: 0.22 mm^2 ... 0.56 mm^2, Single contact, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb <0.1%)

RC-21S2000 - Crimp contact

1603315

https://www.phoenixcontact.com/us/products/1603315

Crimp contact, Socket, rolled, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm^2 ... 0.22 mm^2, Single contact

RC-22S2300 - Crimp contact

1603330

https://www.phoenixcontact.com/us/products/1603330

Crimp contact, Socket, rolled, Taped articles, number of pieces per reel: 500, contact diameter: 1 mm, crimp range: 0.22 mm^2 ... 0.56 mm^2, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb <0.1%)

RC-22S2400 - Crimp contact

1603332

https://www.phoenixcontact.com/us/products/1603332

Crimp contact, Socket, rolled, Taped articles, number of pieces per reel: 10000, contact diameter: 1 mm, crimp range: 0.22 mm^2 ... 0.56 mm^2, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb <0.1%)

RC-21S2300 - Crimp contact

1603318

https://www.phoenixcontact.com/us/products/1603318

Crimp contact, Socket, rolled, Taped articles, number of pieces per reel: 500, contact diameter: 1 mm, crimp range: 0.08 mm^2 ... 0.22 mm^2

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RC-21S2400 - Crimp contact

1616500

https://www.phoenixcontact.com/us/products/1616500

Crimp contact, Socket, rolled, Taped articles, number of pieces per reel: 10000, contact diameter: 1 mm, crimp range: 0.08 mm^2 ... 0.22 mm^2

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