UC-19S1N12R3DU - Cable connector

1606701

https://www.phoenixcontact.com/pc/products/1606701

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M23, Cable connector, series: UC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 16+3, Direction of rotation: Standard, contact connection type: Socket, Solder cup, cable diameter range: 2 mm ... 14.5 mm, coding: N

Commercial data

Item number	1606701
Packing unit	20 pc
Minimum order quantity	1 pc
Product key	ABRAIA
GTIN	4046356261296
Weight per piece (including packing)	128.6 g
Weight per piece (excluding packing)	128.6 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Product properties

Product type	Circular connector (cable-side)

Material specifications

Housing material	Metal

Connector

Insulating body

Coding	N
Insertion/withdrawal cycles	100
Connection method	Solder cup
Contact switching type	Socket
Application	Signal
Number of positions	19
Direction of rotation	Standard
Connection profile	16+3
Contact diameter Power contacts	1.5 mm
Litz wire cross-section Power contacts min.	0.08 mm²
Litz wire cross-section Power contacts max.	1 mm²
Rated current Power contacts	10 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Contact diameter Signal contacts	1 mm
Litz wire cross-section Signal contacts min.	0.08 mm²
Litz wire cross-section Signal contacts max.	1 mm²
Nominal current per signal contact	8 A
Contact diameter Data contacts	1.5 mm

Housing

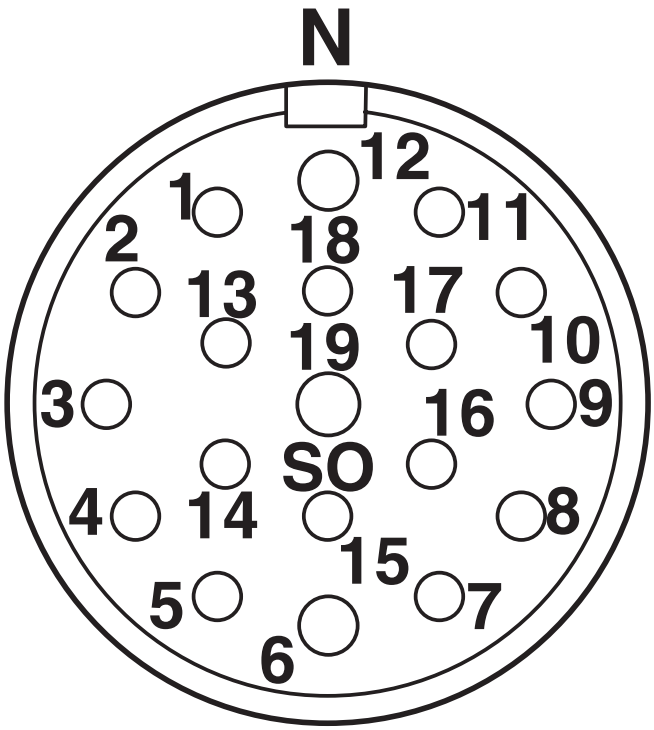
Housing material	Metal
Type of locking	Screw locking mechanism
Pg screw connection	Pg13,5
Degree of protection (plugged in)	IP67
Thread type	M23

Seal

External cable diameter	2 mm ... 14.5 mm
Seal material	NBR

Drawings

Schematic diagram



Connector pin assignment

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

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	9b3f5bf4-79b5-46a1-a350-d72211adbca6

Accessories

PROT-M23-SG-IT-IP20 - Plastic protective cap

1577206

https://www.phoenixcontact.com/pc/products/1577206

Plastic protective cap, M23, degree of protection: IP20, series: CA, RC, RF, UC, RM

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