UC-1RS1NRA80DU - Cable connector

1606729

https://www.phoenixcontact.com/us/products/1606729

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The figure shows the 12-pos. product version

M23, Cable connector, application: Signal, series: UC, straight, shielded: yes, Screw locking mechanism, No. of pos.: 16+2+FE, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, coding: N

Commercial data

Item number	1606729
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAIA
GTIN	4046356261517
Weight per piece (including packing)	93.05 g
Weight per piece (excluding packing)	93.05 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Product properties

Product type	Circular connector (cable-side)

Connector

Insulating body

Note	Order information: Order crimp contacts 16 x Ø 1 mm, 2 x Ø 1.5 mm, 1 x Ø 1.5 (PE) separately
Coding	N
Material (Insulating body)	PA 6.6
Connection method	Crimp connection
Contact switching type	Socket
Application	Signal
Number of positions	19
Direction of rotation	Standard
Connection profile	16+2+FE
Number (Contact group 1)	3
Contact diameter (Contact group 1)	1.5 mm
Rated current Contact (Contact group 1)	10 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	II
Degree of pollution	3
Number (Contact group 2)	16
Contact diameter (Contact group 2)	1 mm
Litz wires Max. cross section (Contact group 2)	1 mm²
Rated current Contact (Contact group 2)	8 A
Overvoltage category	II
Degree of pollution	3

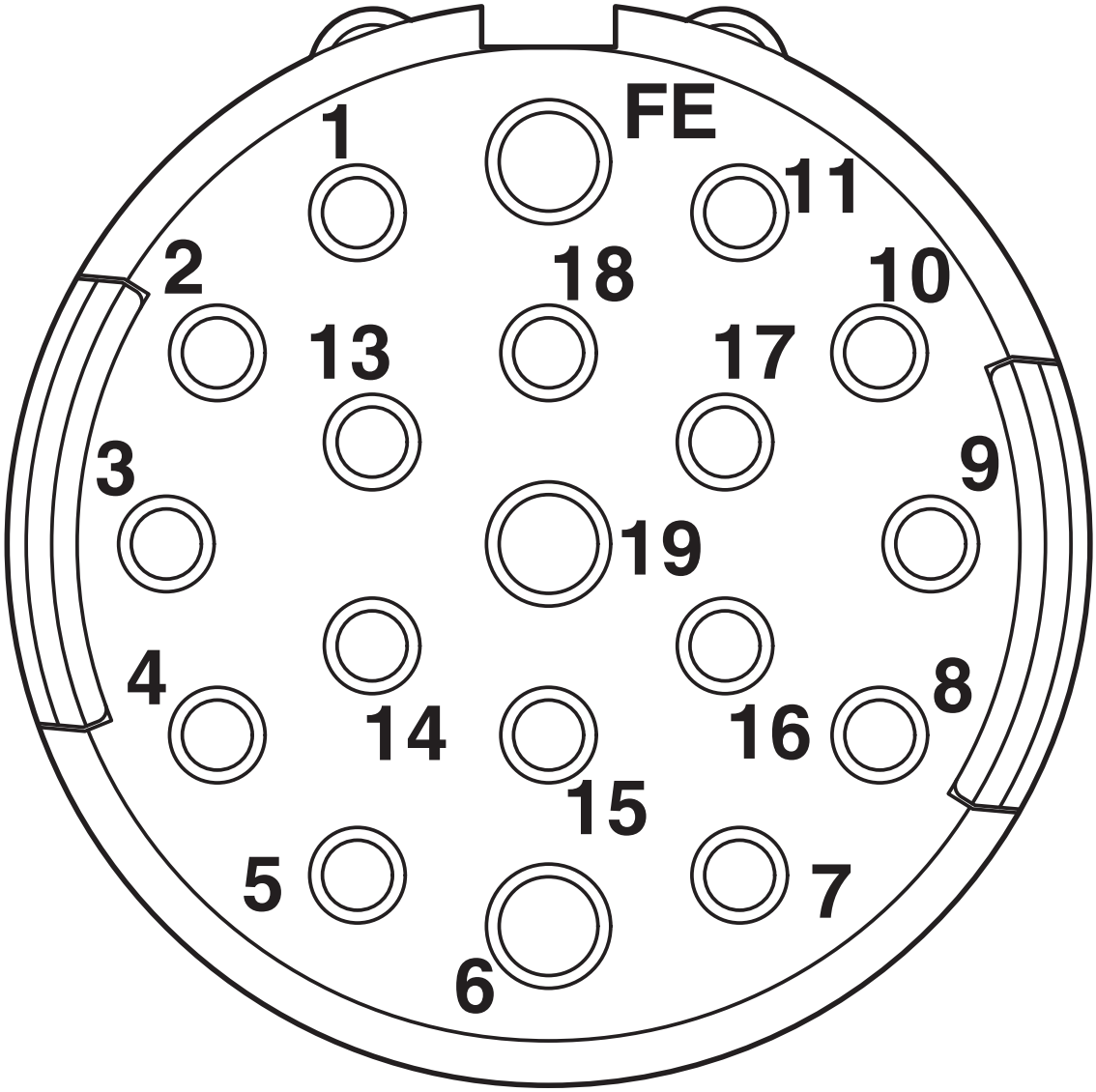
Housing

Type	Cable connector housing
Thread type	M23
Design	straight
Type of locking	Screw locking mechanism
Pg screw connection	none
Material (Housing)	GD-Zn
Material (Rotating parts)	CuZn
Material (Housing surface)	Ni
Material (Seal)	FPM (O-ring)
Seal material	FPM or NBR or EPDM

Degree of protection (plugged in)	IP67

Drawings

Schematic diagram



Connector pin assignment

Classifications

UNSPSC

UNSPSC 21.0	39121413

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)

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