UC-09S1N8AT0DU - Cable connector

1606263

https://www.phoenixcontact.com/us/products/1606263

PHŒNIX CONTACT

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M23, Cable connector, series: UC, angled, shielded: yes, Screw locking mechanism, No. of pos. : 8+1, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, cable diameter range: 2 mm ... 14.5 mm, coding: N

Commercial data

Item number	1606263
Packing unit	8 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAIC
GTIN	4046356258456
Weight per piece (including packing)	161.138 g
Weight per piece (excluding packing)	152.96 g
Country of origin	DE

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Technical data

Product properties

Product type	Circular connector (cable-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 (Contact group 1)	1
Diameter Contact (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 (Contact group 2)	8
Diameter Contact (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

Type	Cable connector housing
Thread type	M23
Design	angled
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)
Degree of protection (plugged in)	IP67

Seal

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

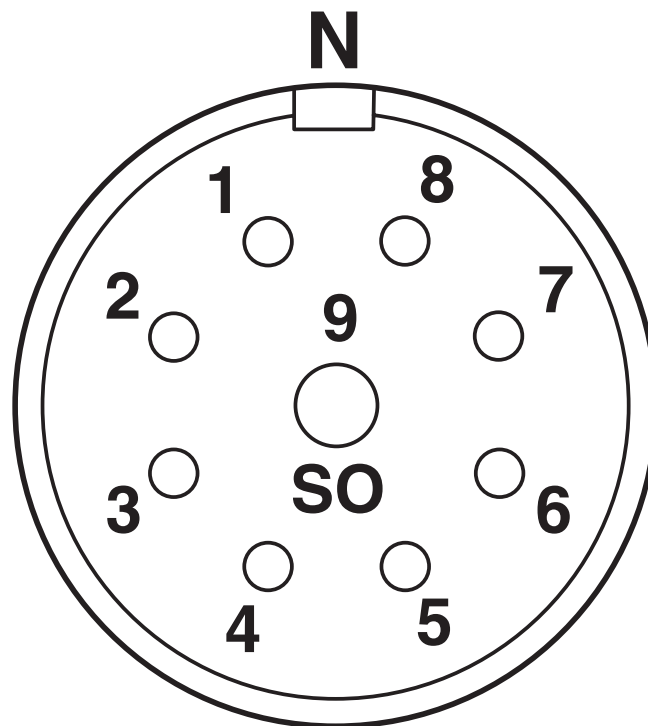# UC-09S1N8AT0DU - Cable connector

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Drawings

Schematic diagram

Connector pin assignment

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Schematic diagram

Connector pin assignment

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Diagram

UC-09S1N8AT0DU - Cable connector
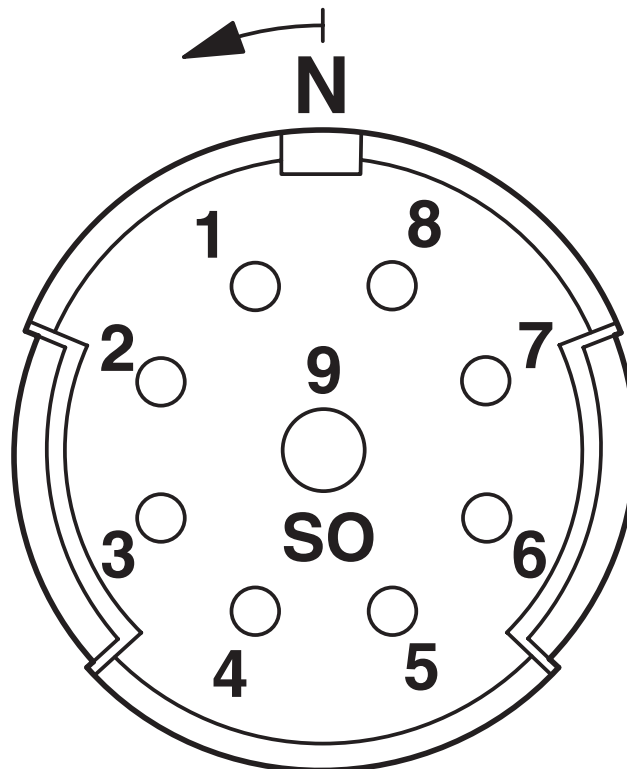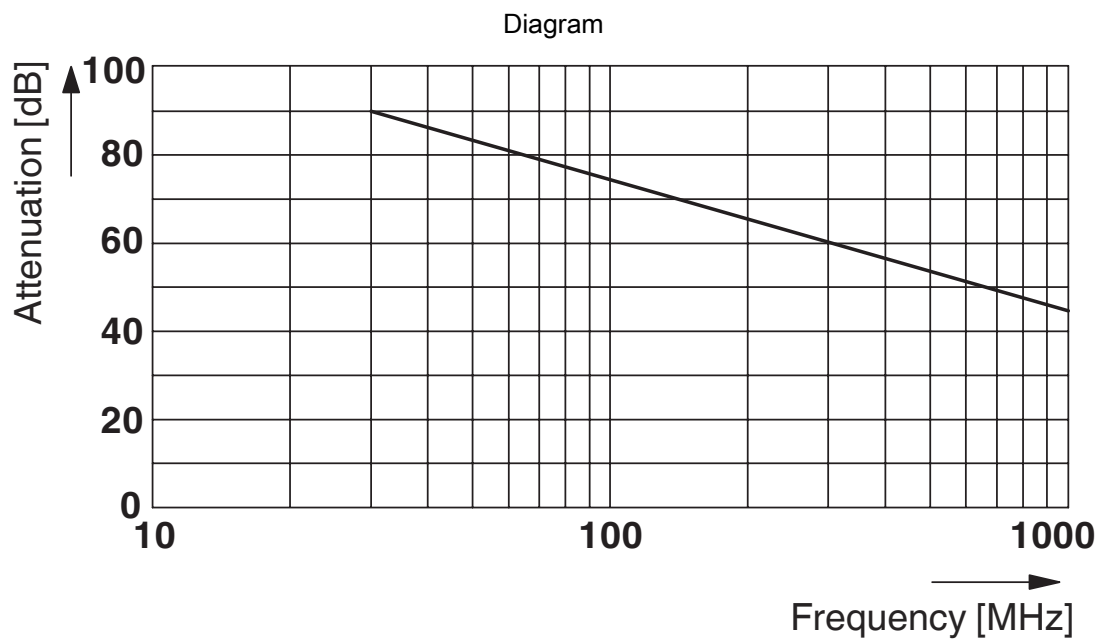
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Classifications

UNSPSC

UNSPSC 21.0	39121413

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Not applicable
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.)	No substance above 0.1 wt%

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