UC-06P1N8A80DU - Cable connector

1606092

https://www.phoenixcontact.com/pc/products/1606092

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M23, Cable connector, series: UC, straight, shielded: yes, Screw locking mechanism, No. of pos. : 6, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, cable diameter range: 2 mm ... 14.5 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1242072

Commercial data

Item number	1606092
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAIA
GTIN	4046356257282
Weight per piece (including packing)	86.77 g
Weight per piece (excluding packing)	86.77 g
Customs tariff number	85366990
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 Ø 2 mm separately
Coding	N
Connection method	Crimp connection
Contact switching type	Pin
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Contact diameter Power contacts	2 mm
Rated current Power contacts	20 A
Rated voltage	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing

Housing material	Metal
Type of locking	Screw locking mechanism
Pg screw connection	none
Degree of protection (plugged in)	IP67
Thread type	M23

Seal

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

Environmental and real-life conditions

Ambient conditions

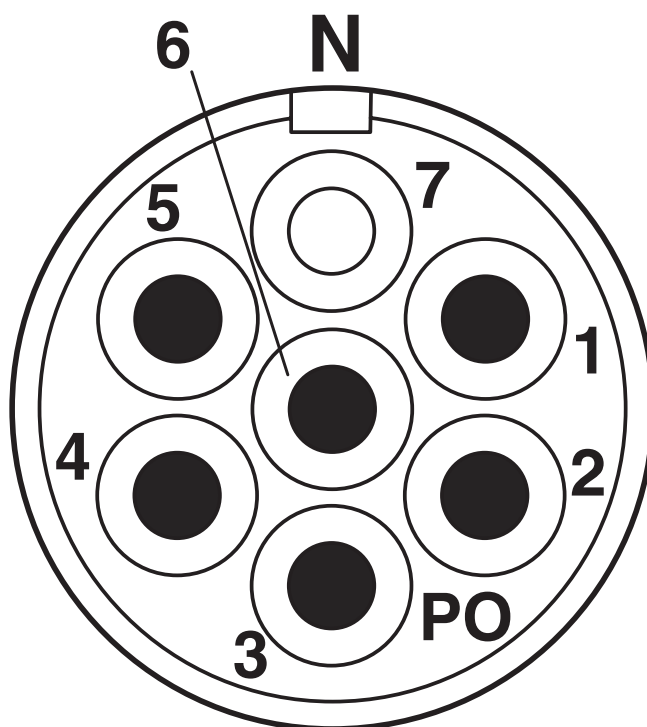|	
Ambient temperature (storage/transport)	15 °C ... 25 °C
Permissible humidity (storage/transport)	50 % ... 65 %

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Drawings

Schematic diagram

Connector pin assignment

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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	5427b929-bb3f-4de9-b802-638132b9cbc8

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Accessories

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

1577206

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