

UC-12SDN8A80DU - Cable connector



1606436

<https://www.phoenixcontact.com/us/products/1606436>

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Cable connector, straight, Screw locking mechanism, M23, number of positions: 12, contact connection type: Socket, shielded: yes, cable diameter range: 3 mm ... 15 mm, connection method: Crimp connection, series: UC, this item is expected to be lead-free from Q1 2027 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

Commercial data

Item number	1606436
Packing unit	20 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAIA
GTIN	4046356259569
Weight per piece (including packing)	92.59 g
Weight per piece (excluding packing)	87.711 g
Customs tariff number	85389099
Country of origin	DE

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Technical data

Product properties

Product type	Circular connector (cable-side)
Series	UC
Application	Signal
Connection profile	12
Shielded	yes
Thread type	M23

Connection data

Conductor connection

Connection method	Crimp connection
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Electrical properties

Contact

Contact diameter	1 mm
Nominal voltage U_N	48 V AC
	74 V DC
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

Connector

Type	straight
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Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M23

Cable/line

External cable diameter	3 mm ... 15 mm
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-20 °C ... 125 °C
Altitude	2000 m
Permissible humidity (storage/transport)	50 % ... 65 %

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Classifications

ECLASS

ECLASS-13.0	27440116
ECLASS-15.0	27440116

ETIM

ETIM 9.0	EC002635
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UNSPSC

UNSPSC 21.0	39121400
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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: n/a)
SCIP	150048e6-94c5-4cc4-ac7f-4e7b14835ff6

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