

# UC-12SDN8A80DU - Cable connector



1606436

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Cable connector, application: Signal, straight, Screw locking mechanism, M23, number of positions: 12, contact connection type: Socket, shielded: yes, cable diameter range: 3 mm ... 15 mm, number of positions: 12, connection method: Crimp connection, series: UC, This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives.

## 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

# UC-12SDN8A80DU - Cable connector



1606436

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

## Technical data

### Product properties

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

### Connection data

#### Conductor connection

Connection method	Crimp connection
-------------------	------------------

### 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
------	----------

#### Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M23

### Cable/line

External cable diameter	3 mm ... 15 mm
-------------------------	----------------

### Environmental and real-life conditions

#### Ambient conditions

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

# UC-12SDN8A80DU - Cable connector



1606436

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

## Classifications

### ECLASS

ECLASS-13.0	27440116
ECLASS-15.0	27440116

### ETIM

ETIM 10.0	EC002635
-----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# UC-12SDN8A80DU - Cable connector



1606436

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

## 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	150048e6-94c5-4cc4-ac7f-4e7b14835ff6

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)