

Cable connector - CA-12P1N8A8006S - 1619546

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Cable connector, CA, straight, shielded: yes, SPEEDCON locking, M23, No. of pos.: 12, type of contact: Pin, Crimp connection, cable diameter range: 4 mm ... 6 mm

The figure shows the product version with solder contacts

Your advantages

- Safe use in the field, thanks to high degree of protection
- Connector for flexible on-site assembly
- Consistent EMC protection for reliable transmission of signals
- Reduced connection time with SPEEDCON fast locking system
- Crimping connection: vibration- and temperature-resistant assembly



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356823104

Technical data

Temperature range

Ambient temperature	-40 °C ... 125 °C
---------------------	-------------------

Data of the insulating body

Note	Order information: Order crimp contacts Ø 1 mm separately
Coding	N
Insulator material	PA 6.6
Contact connection method	Crimp connection
Type of contacts	Pin
Application	Signal
Number of positions	12
Direction of rotation	Standard

Cable connector - CA-12P1N8A8006S - 1619546

Technical data

Data of the insulating body

Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.08 mm ²
Litz wire cross section of signal contacts max.	1 mm ²
Nominal current per signal contact	8 A
Rated voltage of signal contact	150 V
Rated surge voltage	1.5 kV
Overvoltage category	II
Degree of pollution	3

Housing data

Housing material	CuZn, GD-Zn
Type of locking	SPEEDCON locking
Degree of protection (when plugged in)	IP67
Thread type	M23

Cable seal data

Cable diameter	4 mm ... 6 mm
Sealing material	NBR

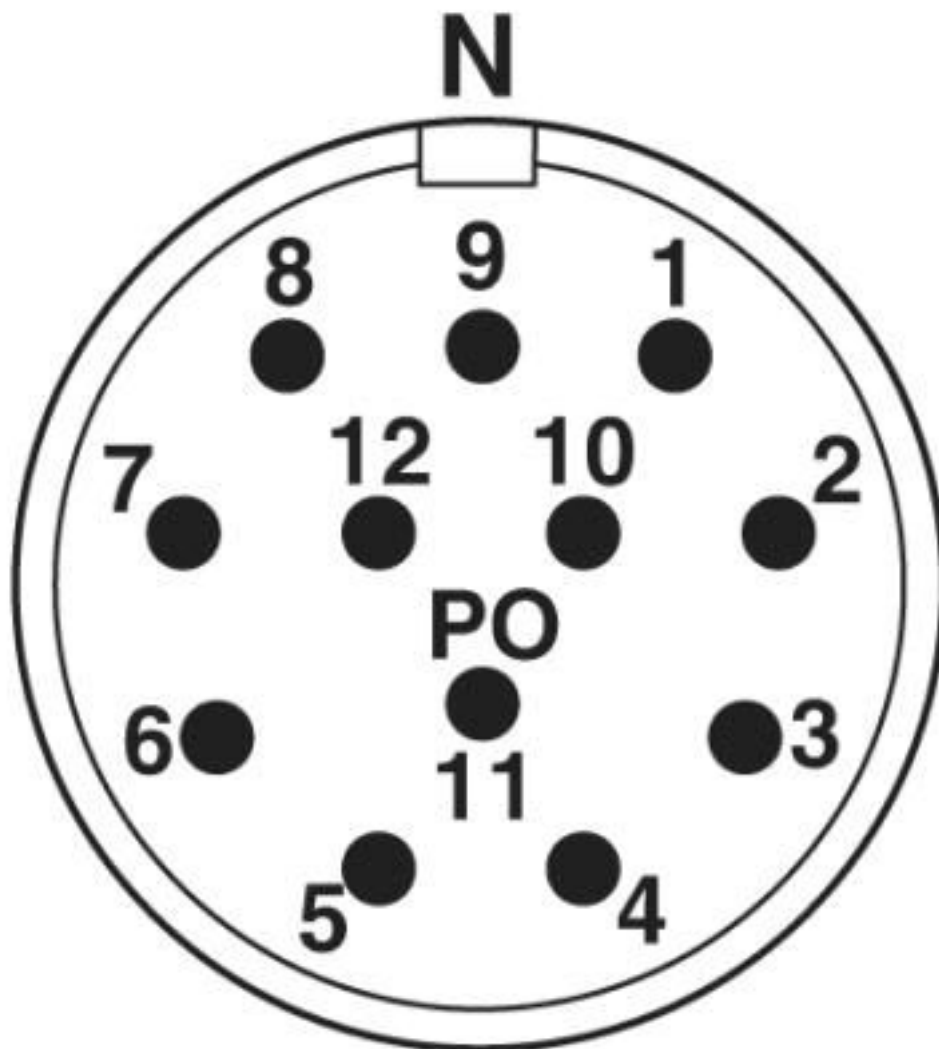
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

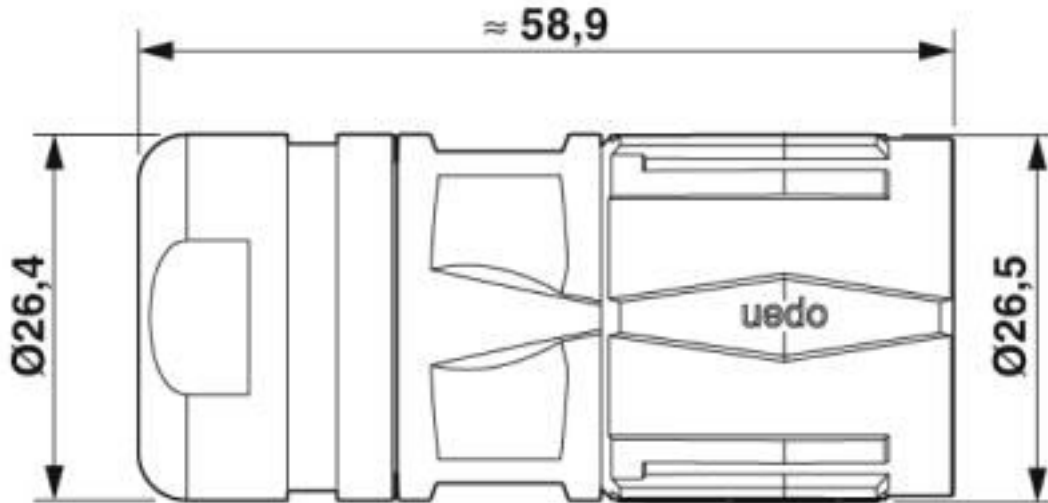
Cable connector - CA-12P1N8A8006S - 1619546

Schematic diagram



Cable connector - CA-12P1N8A8006S - 1619546

Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440102
eCl@ss 8.0	27440102
eCl@ss 9.0	27440102

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
ETIM 5.0	EC002635
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413

Cable connector - CA-12P1N8A8006S - 1619546

Classifications

UNSPSC

UNSPSC 21.0	39121413
-------------	----------

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E335019-20141210
Nominal voltage UN	150 V	
Nominal current IN	6 A	
mm ² /AWG/kcmil	20	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E335019-20141210
Nominal voltage UN	150 V	
Nominal current IN	4 A	
mm ² /AWG/kcmil	20	

EAC		B.01687
-----	--	---------

cULus Recognized	
------------------	--

Accessories

Accessories

Circular connectors (device side)

Cable connector - CA-12P1N8A8006S - 1619546

Accessories

Hook wrench - SF-Z0027 - 1607455



Hook wrench

Crimp contact

Crimp contact - RC-12P2000 - 1597862



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm² ... 0.56 mm²

Crimp contact - RC-11P2000 - 1596770



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm² ... 0.22 mm²

Crimp contact - RC-1KP2000 - 1602996



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.5 mm² ... 1 mm²

Crimp contact - RC-22P2400 - 1603325



Crimp contact, rolled, number of pieces per reel: 10000, contact diameter: 1 mm, crimp range: 0.22 mm² ... 0.56 mm²

Cable connector - CA-12P1N8A8006S - 1619546

Accessories

Crimp contact - RC-22P2000 - 1603321



Crimp contact, rolled, Single contact, contact diameter: 1 mm, crimp range: 0.22 mm² ... 0.56 mm²

Crimp contact - RC-22P2300 - 1603324



Crimp contact, rolled, Taped articles, number of pieces per reel: 500, contact diameter: 1 mm, crimp range: 0.22 mm² ... 0.56 mm²

Mounting material

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

Color-coding - RF-Z0014 - 1620588



Color-coding, color: green

Color-coding - RF-Z0015 - 1620592



Color-coding, color: orange

Cable connector - CA-12P1N8A8006S - 1619546

Accessories

Color-coding - RF-Z0016 - 1620593



Color-coding, color: black

Square mounting flange - RF-Z0003 - 1607905



Square mounting flange, Axial seal, 4xM3, flange dimensions: 35 mm x 35 mm

Protective cover

Protective cap - RC-Z2058 - 1604223



Plastic protection cap for connectors with M23 knurled nut

Plastic anti-static dust protection cap - RC-Z2468 - 1611796



Plastic protection cap, antistatic, for connectors with M23 knurled nut

Metal protective cap - CA-Z0077 - 1627224



Metal protection cap with steel wire and loop, for M23 signal connectors with knurled nut for fastening to the cable

Phoenix Contact 2020 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Circular Metric Connectors](#) category:

Click to view products by [Phoenix Contact](#) manufacturer:

Other Similar products are found below :

[600X518037X](#) [6STD15PCR99B70A](#) [8R4000A16M020](#) [8R5000A16M005](#) [1200910002](#) [1203580030](#) [1200910008](#) [1200910011](#) [1300140094](#)
[130203-0054](#) [1300140026](#) [1300150099](#) [RF-12S1N8A90DU](#) [1612618](#) [21036836414](#) [8R4006A16M010](#) [8R5006A18A120](#) [1604232](#)
[1R3006A20M005](#) [RF-12P1N8A80DU](#) [RF-12P1N8A90DU](#) [41-40011](#) [42-00006](#) [42-01015](#) [4-22279-4](#) [4-22281-1](#) [4-22284-9](#) [43-00113](#) [43-](#)
[01088](#) [43-01203](#) [41-40013](#) [42-00008](#) [43-00343](#) [43-01032](#) [43-01162](#) [43-01173](#) [43-10000](#) [XS3P-M421-2](#) [600X518050X](#) [SACC-DSI-FS-5P-](#)
[PG9-L180 SC](#) [8R5006A16M020](#) [8R5006A16M005](#) [8R4000A16M010](#) [6-22279-3](#) [1605332](#) [N03FA03144](#) [1300140077](#) [43-16213](#) [43-01338](#)
[XS2RD4265](#)