

## Cable connector - CA-12F2N8A85DUS - 1619474

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Cable connector, CA, straight, shielded: yes, SPEEDCON locking, M23, No. of pos.: 12, type of contact: Socket, Crimp connection, cable diameter range: 3 mm ... 14.5 mm

### Your advantages

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



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 823739
GTIN	4046356823739
Weight per Piece (excluding packing)	100.000 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Temperature range

Ambient temperature (operation)	-40 °C ... 125 °C
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#### Data of the insulating body

Note	Order information: Order crimp contacts Ø 1 mm separately
Coding	N

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### Technical data

#### Data of the insulating body

Insulator material	PA 6.6
Contact connection method	Crimp connection
Type of contacts	Socket
Application	Feedback, signal
Number of positions	12
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	8 A
Nominal voltage, power contact	150 V
Rated surge voltage	2.5 kV
Overvoltage category	III
Degree of pollution	3
Overvoltage category	III
Degree of pollution	3

#### Housing data

Housing material	Metal
Type of locking	SPEEDCON locking
Degree of protection (when plugged in)	IP67
Thread type	M23

#### Cable seal data

Cable diameter	3 mm ... 14.5 mm
Sealing material	FPM

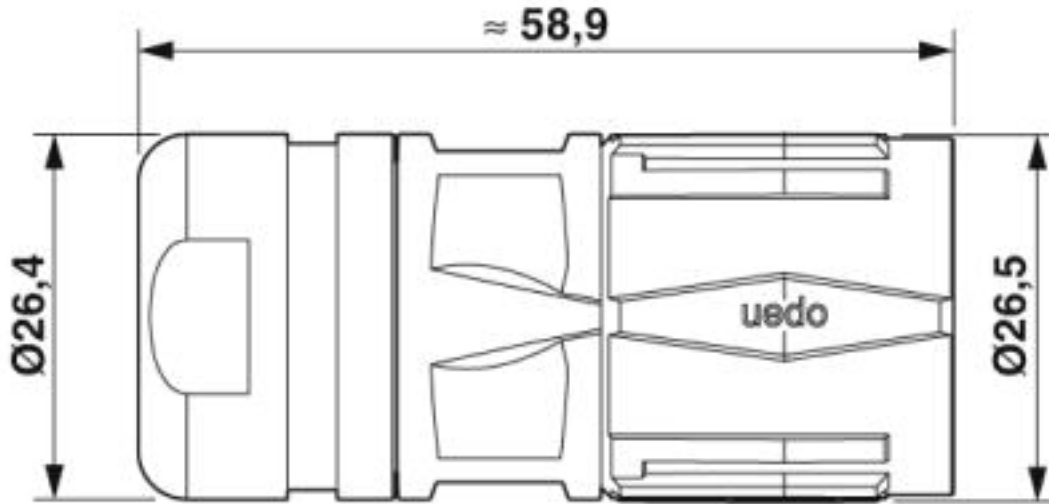
#### Environmental Product Compliance

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

### Drawings

# Cable connector - CA-12F2N8A85DUS - 1619474

Dimensional drawing



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Schematic diagram



Contact chamber numbering (view of plug-in side), socket counter direction

### Classifications

eCl@ss

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

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## Classifications

### eCl@ss

eCl@ss 7.0	27440102
eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

### 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

## Approvals


### Approvals

#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

### Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E335019-20141210
Nominal voltage UN	150 V		
Nominal current IN	8 A		
mm <sup>2</sup> /AWG/kcmil	18		

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### Approvals

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Nominal voltage UN		150 V	
Nominal current IN		6 A	
mm <sup>2</sup> /AWG/kcmil		18	

EAC		B.01742
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cULus Recognized	
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### Accessories

#### Accessories

#### Crimp contact

Crimp contact - SF-6CS2000 - 1605562



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.06 mm<sup>2</sup> ... 0.25 mm<sup>2</sup>

Crimp contact - SF-10KS004 - 1607356



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>

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### Accessories

Crimp contact - SF-6AS2000 - 1605557



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.25 mm<sup>2</sup> ... 1 mm<sup>2</sup>

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### Mounting material

Color-coding - RF-Z0014 - 1620588



Color-coding, color: green

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Color-coding - RF-Z0015 - 1620592



Color-coding, color: orange

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Color-coding - RF-Z0016 - 1620593



Color-coding, color: black

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Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

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### Accessories

Square mounting flange - RF-Z0003 - 1607905



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

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### Protective cover

Protective cap - RC-Z2058 - 1604223



Plastic protection cap for connectors with M23 knurled nut

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



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

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Hook wrench - SF-Z0027 - 1607455



Hook wrench

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