

## Device connector, front mounting - CA-06P1N122S00 - 1619992

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Device connector for front wall, straight, shielded: yes, SPEEDCON locking, M23, No. of pos.: 6, type of contact: Pin, Solder connection, Flat gasket, 4x Ø 3.2, flange dimensions: 25 mm x 25 mm

### Why buy this product

- ✓ 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
- ✓ Solder connection: proven connection technology for various litz wires

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 820028
GTIN	4046356820028
Weight per Piece (excluding packing)	40.000 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

Coding	N
Insulator material	PBT
Contact material	CuZn

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### Technical data

#### Data of the insulating body

Contact surface material	Ni/Au
Insertion/withdrawal cycles mechanical	100
Contact connection method	Solder connection
Type of contacts	Pin
Application	Signal
Number of positions	6
Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	0.08 mm <sup>2</sup>
Litz wire cross section of power contacts max.	2.5 mm <sup>2</sup>
Nominal current per power contact at 25°C	20 A
Nominal voltage, power contact	300 V
Rated surge voltage	2.5 kV
Overvoltage category	II
Degree of pollution	3

#### Housing data

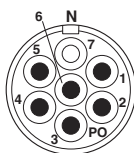
Housing material	CuZn
Flange dimensions	25 mm x 25 mm
Type of locking	SPEEDCON locking
Degree of protection (when plugged in)	IP67
Thread type	M23

#### Environmental Product Compliance

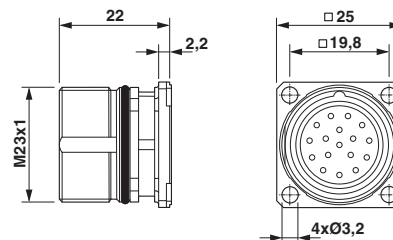
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

Schematic diagram

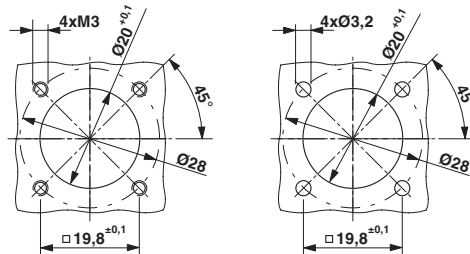


Dimensional drawing



## Device connector, front mounting - CA-06P1N122S00 - 1619992

Dimensional drawing



Installation dimensions

### Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
ETIM 5.0	EC002061
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

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## Approvals

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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
mm <sup>2</sup> /AWG/kcmil		14	
Nominal current I <sub>N</sub>		20 A	
Nominal voltage U <sub>N</sub>		300 V	

cUL 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
mm <sup>2</sup> /AWG/kcmil		14	
Nominal current I <sub>N</sub>		10 A	
Nominal voltage U <sub>N</sub>		300 V	

EAC		B.01742
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cULus 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>
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## Accessories

Accessories

Mounting material

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### Accessories

Color-coding - CA-Z0120 - 1620704



Color-coding, color: green

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Color-coding - CA-Z0121 - 1620705



Color-coding, color: orange

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Color-coding - CA-Z0122 - 1620706



Color-coding, color: black

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Contact removal tool - CA-Z0001 - 1620699



Unlocking tool for contact carriers for snapping in the M23 signal device connectors

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### Protective cover

Plastic dust protection cap - SF-Z0019 - 1607449



Plastic dust protection cap, with eye, IP40 for connectors with M23 external thread, RF, SF series

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## Device connector, front mounting - CA-06P1N122S00 - 1619992

### Accessories

Plastic dust protection cap - RC-Z2059 - 1604225



Plastic dust protection cap for connectors with M23 external thread

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Plastic anti-static dust protection cap - RC-Z2469 - 1611797



Plastic dust protection cap, anti-static, for RF, SF, CA, RC series connectors, with M23 external thread

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Metal dust protection cap - RC-Z2104 - 1604260



Metal dust protection cap for signal connectors with M23 external thread

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Metal dust protection cap - RC-Z2068 - 1604236



Metal dust protection cap with steel wire for signal connectors with M23 external thread

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