

Device connector, front mounting - CA-12P1N12AD00 - 1621741

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Device connector for front wall, angled rotatable, shielded: Yes, SPEEDCON locking, M23, No. of pos.: 12, type of contact: Pin, Solder connection, Axial O-ring, 4x Ø 3.2

Why buy this product

- ✓ Easy connection, thanks to infinitely adjustable cable outlet direction up to 310°
- ✓ 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

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 000572
GTIN	4055626000572
Weight per Piece (excluding packing)	10.000 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Data of the insulating body

Coding	N
Insulator material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Contact connection method	Solder connection

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Technical data

Data of the insulating body

Type of contacts	Pin
Application	Signal
Number of positions	12
Contact diameter of power contacts	1 mm
Litz wire cross section of power contacts min.	0.08 mm ²
Litz wire cross section of power contacts max.	1 mm ²
Nominal current per power contact at 25°C	8 A
Nominal voltage, power contact	150 V
Rated surge voltage	1.5 kV
Overvoltage category	II
Degree of pollution	3

Housing data

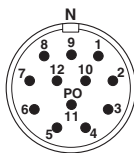
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	SPEEDCON locking
Degree of protection (when plugged in)	IP67
Thread type	M23

Environmental Product Compliance

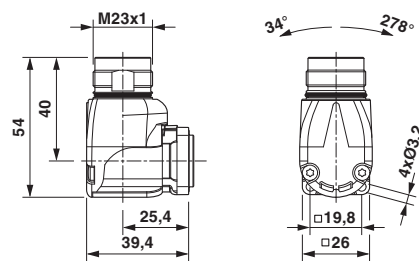
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Schematic diagram



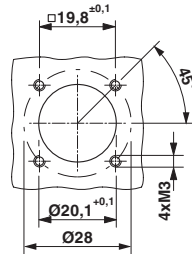
Dimensional drawing



Dimensional drawing

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Dimensional drawing



Installation dimensions

Classifications

eCl@ss

eCl@ss 5.1	27260701
eCl@ss 6.0	27143424
eCl@ss 8.0	27379201
eCl@ss 9.0	27379201

ETIM

ETIM 4.0	EC002498
ETIM 5.0	EC002498
ETIM 6.0	EC002498

UNSPSC

UNSPSC 13.2	39121421
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Approvals

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UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

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Approvals

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

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E335019-20141210
mm ² /AWG/kcmil		18	
Nominal current IN		6 A	
Nominal voltage UN		150 V	

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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Accessories

Accessories

Mounting material

Color-coding - RF-Z0017 - 1620624

Color-coding, color: green



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Accessories

Color-coding - RF-Z0018 - 1620625



Color-coding, color: orange

Color-coding - RF-Z0019 - 1620626



Color-coding, color: black

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

Plastic dust protection cap - RC-Z2059 - 1604225



Plastic dust protection cap for connectors with M23 external thread

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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Accessories

Metal dust protection cap - RC-Z2104 - 1604260



Metal dust protection cap for signal connectors with M23 external thread