

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

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

Your advantages

- ✓ 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 pc
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
Insertion/withdrawal cycles mechanical	100

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

Technical data

Data of the insulating body

Contact connection method	Solder connection
Type of contacts	Pin
Application	Signal
Number of positions	12
Direction of rotation	Standard
Contact diameter of signal contacts	1 mm
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	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	for standard and SPEEDCON interlock
Degree of protection (when plugged in)	IP67
Thread type	M23

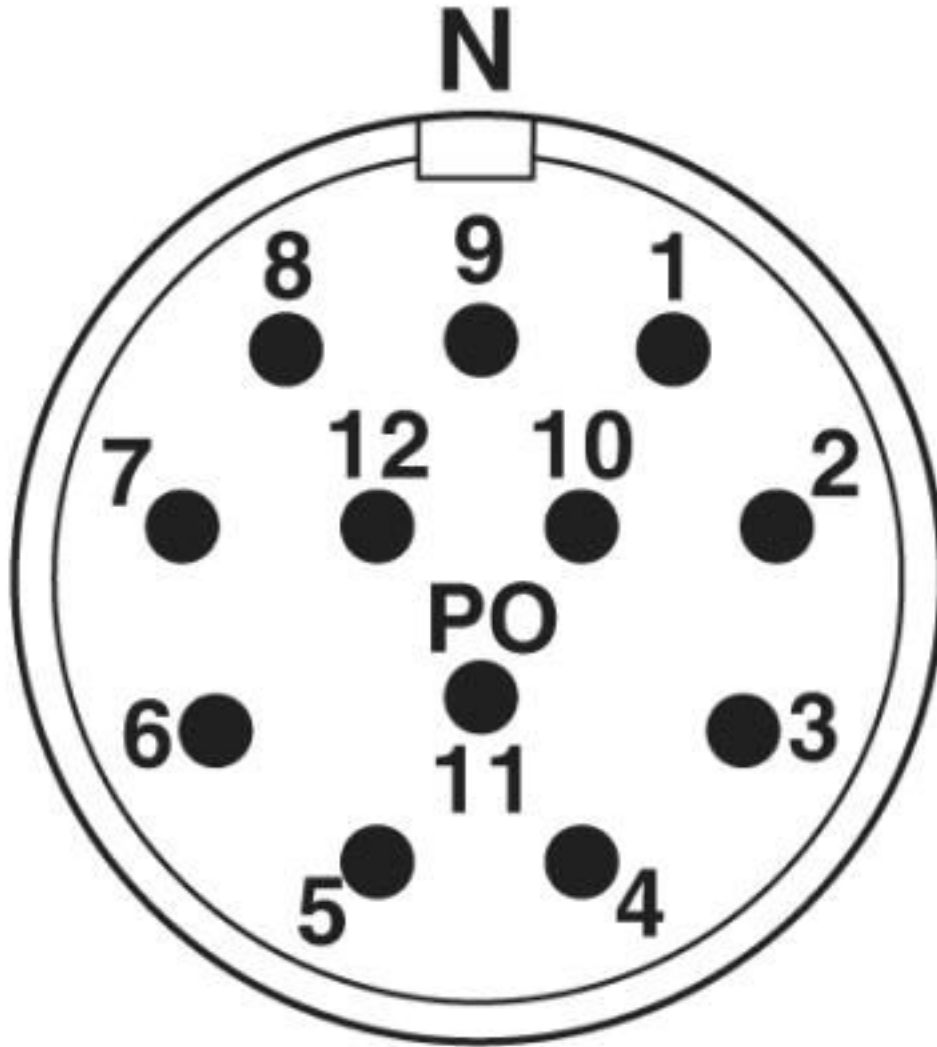
Environmental Product Compliance

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

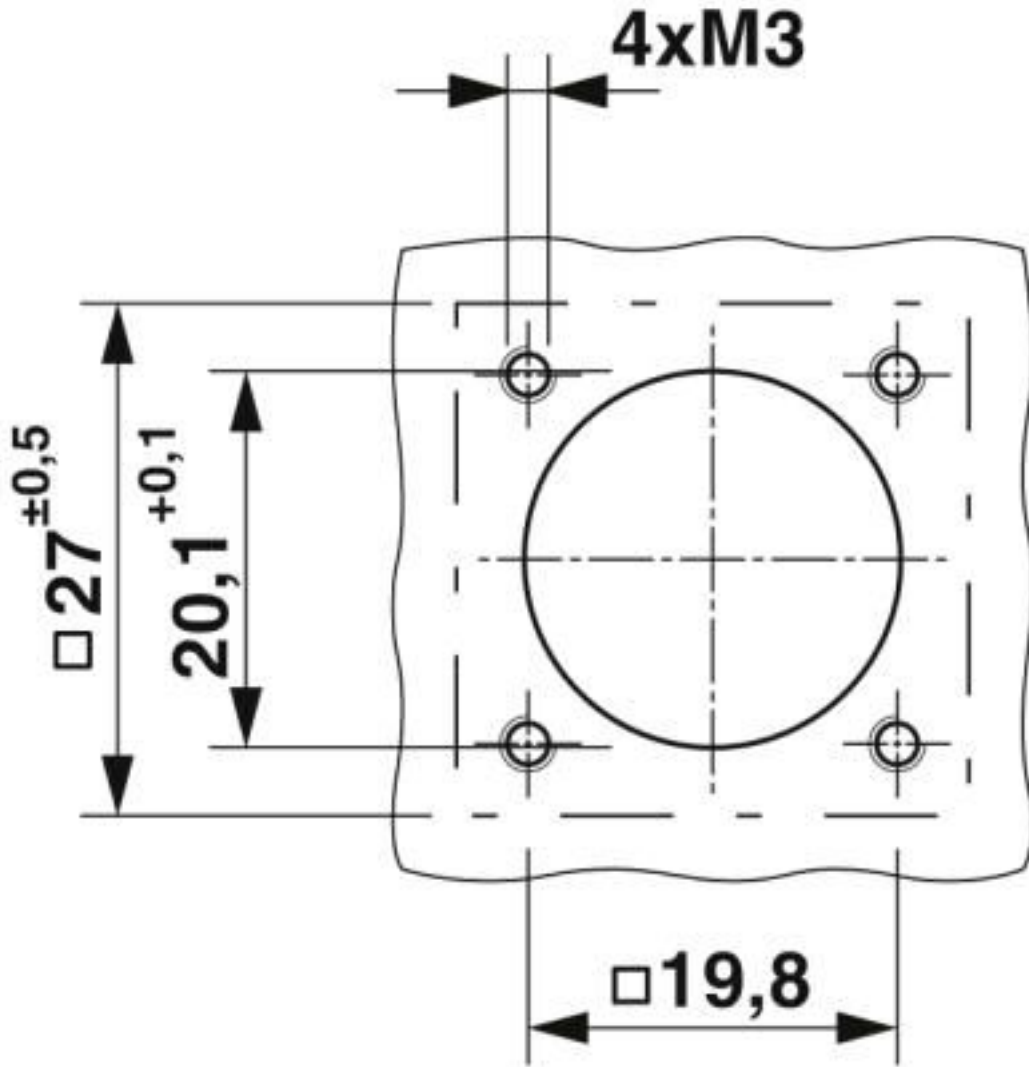
Device connector, front mounting - CA-12P1N12AD00 - 1621741

Schematic diagram



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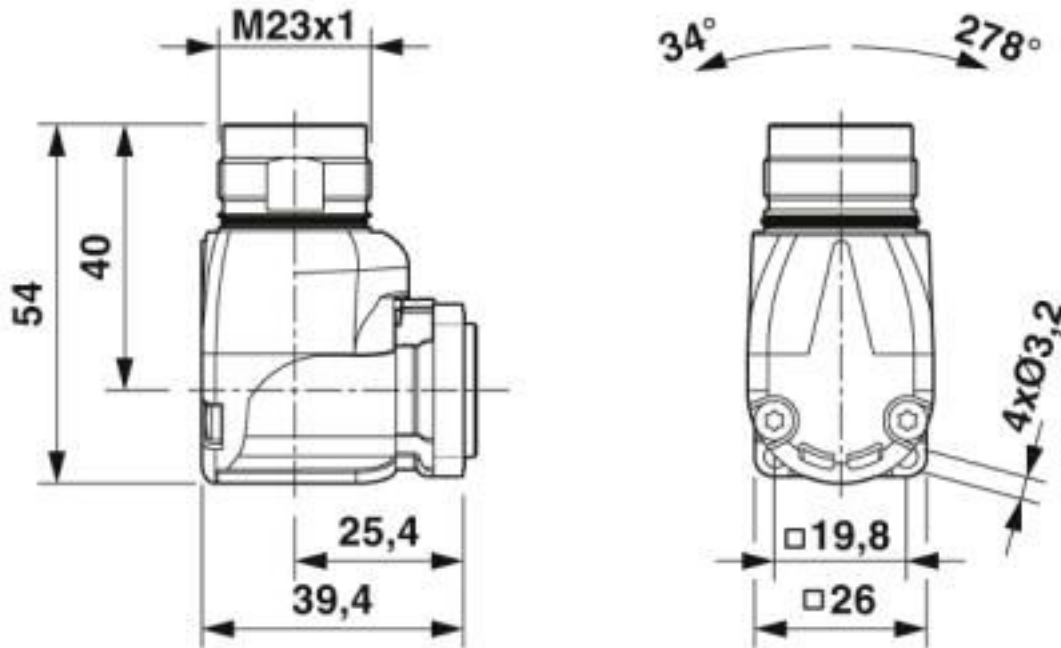
Dimensional drawing



Installation dimensions

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

Dimensional drawing



Dimensional drawing

Classifications

eCl@ss

eCl@ss 10.0.1	27371392
eCl@ss 4.0	27378000
eCl@ss 4.1	27378000
eCl@ss 5.0	27379100
eCl@ss 5.1	27379100
eCl@ss 6.0	27379200
eCl@ss 7.0	27379201
eCl@ss 8.0	27379201
eCl@ss 9.0	27379201

ETIM

ETIM 4.0	EC002498
ETIM 5.0	EC002498
ETIM 6.0	EC002498
ETIM 7.0	EC002498

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

Classifications

UNSPSC

UNSPSC 13.2	39121421
UNSPSC 18.0	39121421
UNSPSC 19.0	39121421
UNSPSC 20.0	39121421
UNSPSC 21.0	39121421

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		8 A	
mm ² /AWG/kcmil		18	

cUL 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		18	

EAC		B.01687
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Device connector, front mounting - CA-12P1N12AD00 - 1621741

Approvals

cULus Recognized



Accessories

Accessories

Mounting material

Color-coding - RF-Z0017 - 1620624



Color-coding, color: green

Color-coding - RF-Z0018 - 1620625



Color-coding, color: orange

Color-coding - RF-Z0019 - 1620626



Color-coding, color: anthracite

Protective cover

Protective cap - SF-Z0019 - 1607449



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

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

Accessories

Protective cap - RC-Z2059 - 1604225



Plastic protection cap for connectors with M23 external thread

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



Plastic protection cap, antistatic, for RF, SF, CA, RC series connectors, with M23 external thread

Metal protective cap - RC-Z2104 - 1604260



Metal protection cap for signal connectors with M23 external thread
