PHŒNIX CONTACT

Device connector, front mounting - CA-09S1N126L00 - 1624049

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Device connector for front wall, CA, straight, shielded: yes, for standard and SPEEDCON interlock, M23, No. of pos.: 8+1, type of contact: Socket, Solder connection, Axial seal, Central fastening M20 x 1.5, can be positioned via a locking nut

The figure shows the 6-pos. product version

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

☑ Solder connection: proven connection technology for various litz wires

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 055626 227702
GTIN	4055626227702

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
Contact connection method	Solder connection
Type of contacts	Socket
Application	Signal
Number of positions	9
Direction of rotation	Standard
Contact diameter of power contacts	2 mm

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Technical data

Data of the insulating body

Litz wire cross section of power contacts max.	2.5 mm²
Rated current for power contacts	20 A
Rated voltage of power contact	300 V
Rated surge voltage	2.5 kV
Overvoltage category	II
Degree of pollution	3
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts max.	1 mm²
Nominal current per signal contact	8 A
Rated voltage of signal contact	300 V
Overvoltage category	II
Degree of pollution	3

Housing data

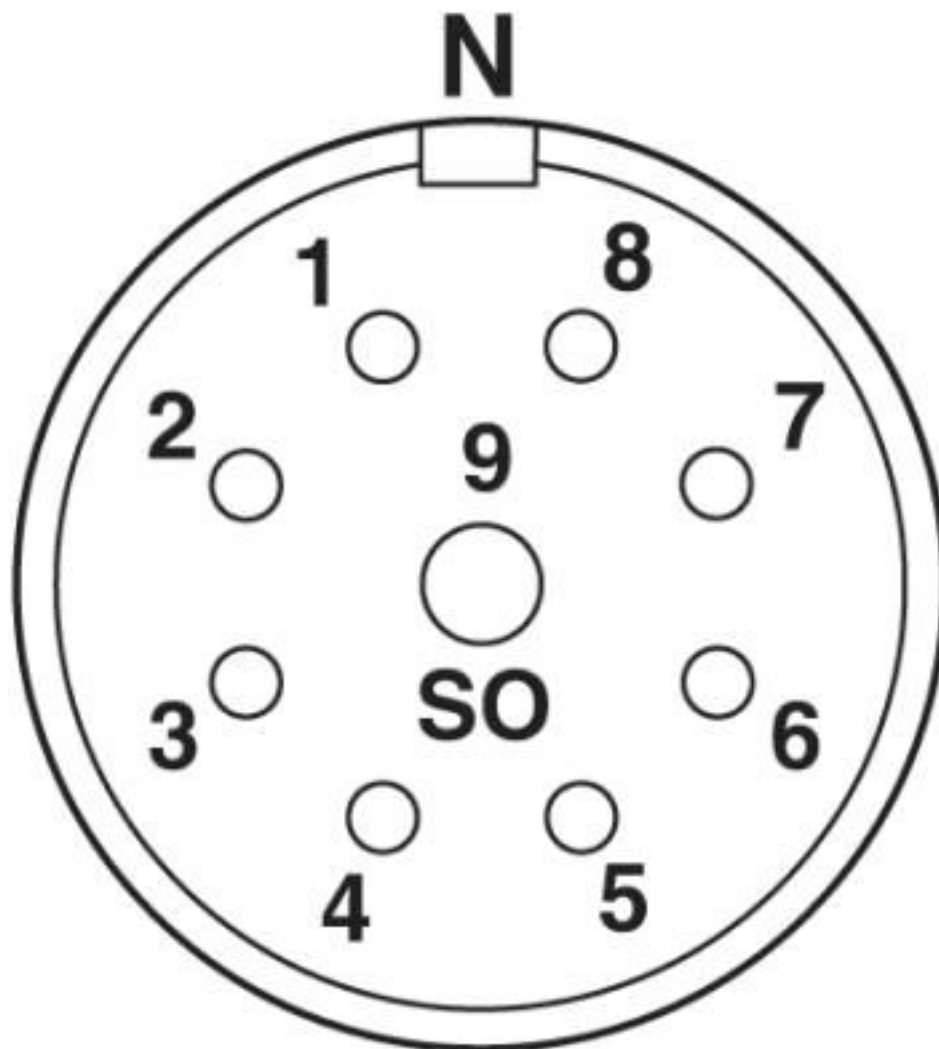|	
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	for standard and SPEEDCON interlock
Degree of protection (when plugged in)	IP67
Thread type	M23

Environmental Product Compliance

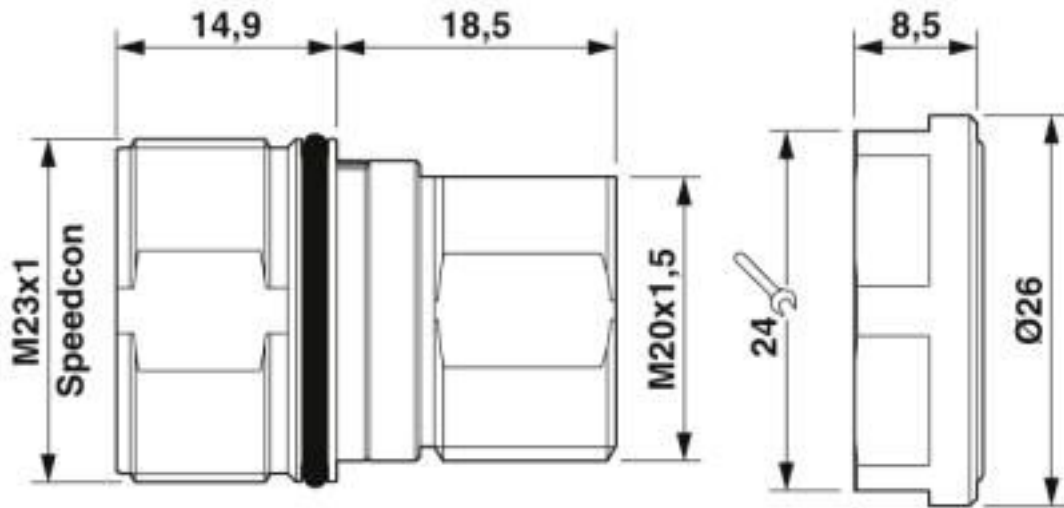|	
REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Device connector, front mounting - CA-09S1N126L00 - 1624049

Schematic diagram
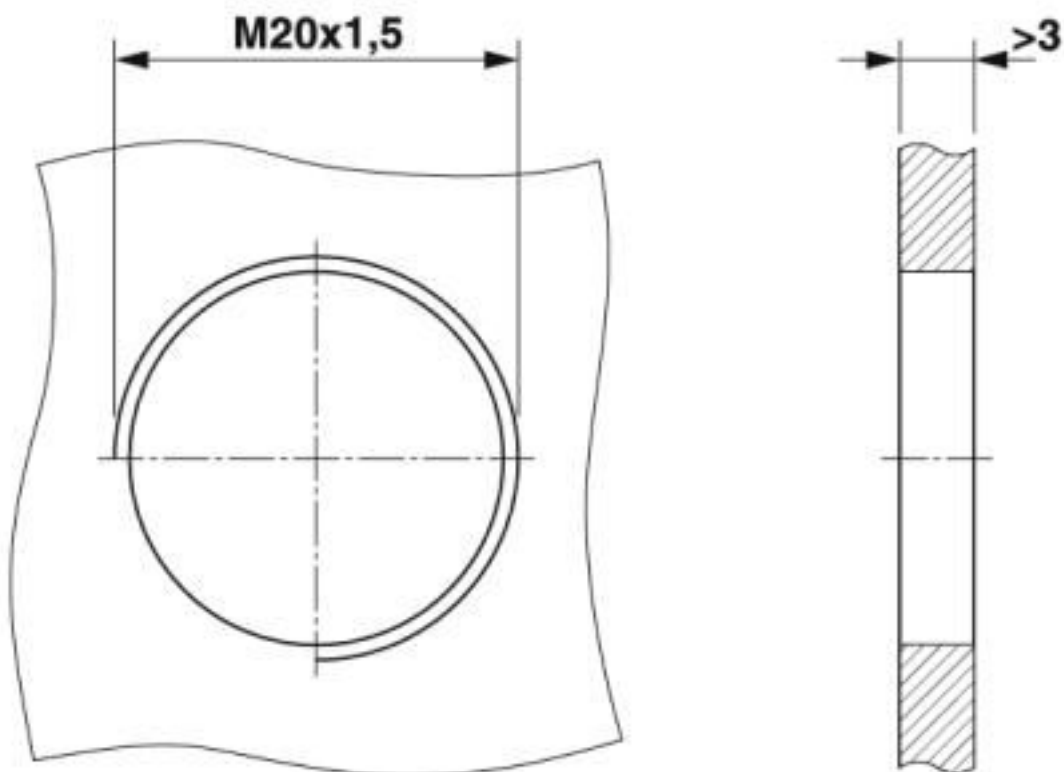
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Dimensional drawing

Dimensional drawing

Installation dimensions

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Classifications

eCl@ss

eCl@ss 10.0.1	27440109
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	27440103

ETIM

ETIM 5.0	EC002635
ETIM 6.0	EC002061

UNSPSC

UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC	EAL	B.01687

Accessories

Accessories

Mounting material

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Accessories

Contact removal tool - CA-Z0001 - 1620699

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

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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

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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

Metal protective cap - RC-Z2068 - 1604236

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

Mouser Electronics

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