

CA-09S1NC22S00X - Device connector front mounting



1243890

<https://www.phoenixcontact.com/us/products/1243890>

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M23, Device connector front mounting, application: Signal, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 8+1, Direction of rotation: Standard, contact connection type: Socket, Solder-in connection, Flat gasket, flange dimensions: 25 mm x 25 mm, coding: N, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

The figure shows the 6-pos.
product version

Your advantages

- Safe use in the field, thanks to high degree of protection
- Consistent EMC protection for reliable transmission of signals
- Easy device integration: solder-in contacts available in different lengths

Commercial data

Item number	1243890
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABRAEL
GTIN	4063151404215
Weight per piece (including packing)	26.8 g
Weight per piece (excluding packing)	23.585 g
Country of origin	DE

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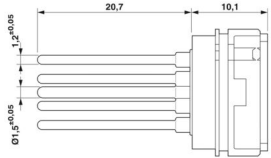
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Technical data

Product properties

Product type	Circular connectors (device side)
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Dimensions

Dimensional drawing	
Length of the solder pin	17.5 mm
	17.5 mm

Connector

Insulating body

Coding	N
Material (Insulating body)	PBT
Material (Contact)	CuZn
Material (Contact surface)	Ni/Au
Connection method	Solder-in connection
Contact switching type	Socket
Application	Signal
Number of positions	9
Direction of rotation	Standard
Connection profile	8+1
Number (Contact group 1)	1
Contact diameter (Contact group 1)	2 mm
Rated current Contact (Contact group 1)	20 A (for max. connection cross section)
Rated voltage Contact (Contact group 1)	48 V AC
	74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Number (Contact group 2)	8
Contact diameter (Contact group 2)	1 mm
Rated current Contact (Contact group 2)	8 A

Housing

Type	Flange housing
Thread type	M23
Design	straight
Type of locking	for standard and SPEEDCON interlock

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Pg screw connection	none
Mounting type	Front mounting/square flange (4x Ø 3.2 mm)
Flange dimensions	25 mm x 25 mm
Material (Housing)	GD-Zn
Degree of protection (plugged in)	IP67
Seal for the device	Flat gasket

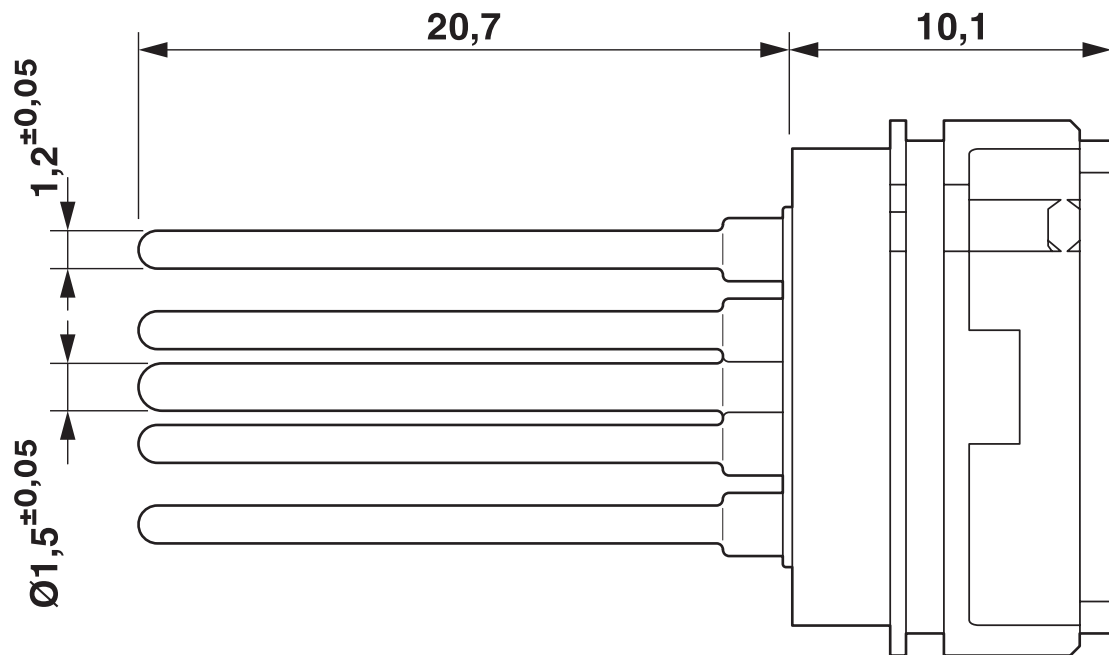
Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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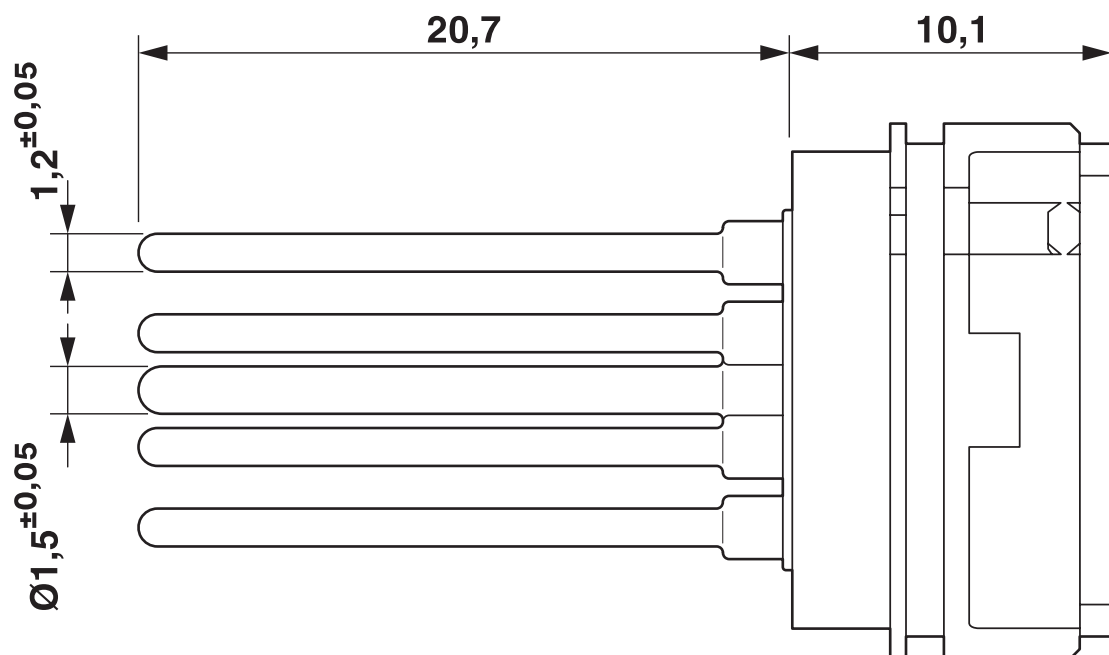
Drawings

Dimensional drawing



Dimensional drawing

Dimensional drawing



Dimensional drawing

Schematic diagram



Connector pin assignment

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Schematic diagram



Connector pin assignment

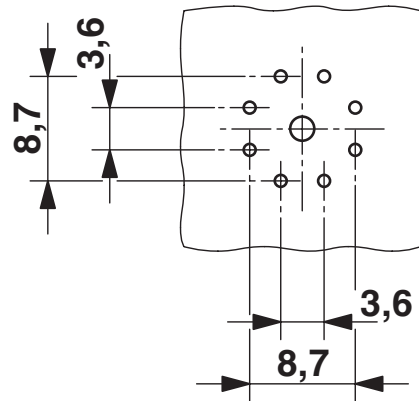
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Drilling plan/solder pad geometry



8+1-pos.

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Classifications

ETIM

ETIM 9.0	EC003569
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UNSPSC

UNSPSC 21.0	39121100
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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