

CA-09P1N222S00 - Device connector front mounting



1619950

<https://www.phoenixcontact.com/us/products/1619950>

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The figure shows the 6-pos.
product version

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: Pin, Solder-in connection, Flat gasket, flange dimensions: 25 mm x 25 mm, coding: N. This product is in the process of being discontinued. This product must no longer be considered for new projects. Please contact your sales representative for alternatives.

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	1619950
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAEL
GTIN	4046356820325
Weight per piece (including packing)	27.1 g
Weight per piece (excluding packing)	23.789 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Circular connectors (device side)
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Dimensions

Length of the solder pin	3.5 mm
	3.5 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	Pin
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
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

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Seal for the device	Flat gasket
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Environmental and real-life conditions

Ambient conditions

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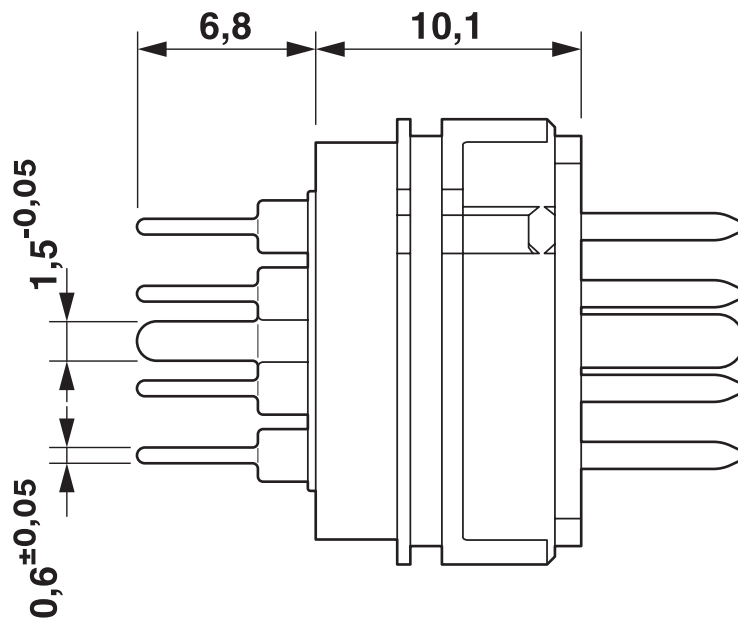
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Drawings

Dimensional drawing



Dimensional drawing

Schematic diagram



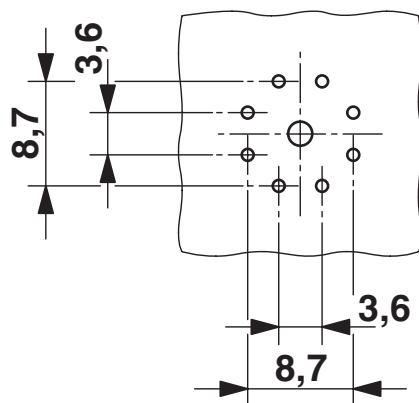
Connector pin assignment

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Drilling plan/solder pad geometry



8+1-pos.

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1619950>

 cUL Recognized Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
Power	48 V	12 A	14	-
Signal	48 V	6 A	18	-

 UL Recognized Approval ID: E335019-20141210				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
Power	48 V	20 A	14	-
Signal	48 V	8 A	18	-

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Classifications

ECLASS

ECLASS-13.0	27440109
ECLASS-15.0	27440109

ETIM

ETIM 10.0	EC003569
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	f662b572-9ee8-430b-94fc-3593443d57da

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