

1619908

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M23, Device connector front mounting, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 16, Direction of rotation: Standard, contact connection type: Socket, Solder-in connection, Flat gasket,  $4x \varnothing 3.2$ , flange dimensions: 25 mm x 25 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1243986

### 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	1619908
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAEL
GTIN	4046356820592
Weight per piece (including packing)	34.6 g
Weight per piece (excluding packing)	34.6 g
Customs tariff number	85366990
Country of origin	DE



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### Technical data

### Product properties

Product type	Circular connectors (device side)
Data management status	
Article revision	06

#### **Dimensions**

Dimensional drawing	4xM3 \$\vec{y}{\pi}\$ 4x03.2 \$\vec{y}{\pi}\$ 5.
Length of the solder pin	17.5 mm
	17.5 mm

#### Connector

#### Insulating body

Coding	N
Insulation body material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Connection method	Solder-in connection
Contact switching type	Socket
Application	Signal
Number of positions	16
Direction of rotation	Standard
Connection profile	16
Contact diameter Power contacts	1 mm
Rated current Power contacts	8 A
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

#### Housing

rodding		
Housing material	GD-Zn	
Flange dimensions	25 mm x 25 mm	
Type of locking	for standard and SPEEDCON interlock	
Pg screw connection	none	
Degree of protection (plugged in)	IP67	
Thread type	M23	



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### Environmental and real-life conditions

Ambient conditions

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

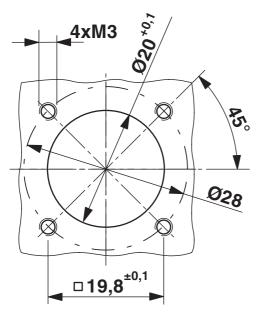


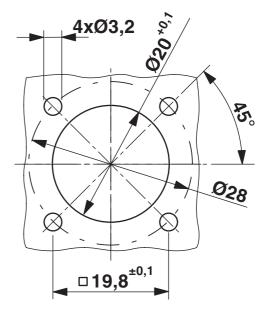
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## Drawings

### Dimensional drawing





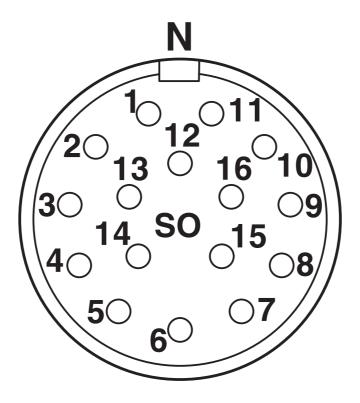
Installation dimensions



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### Schematic diagram



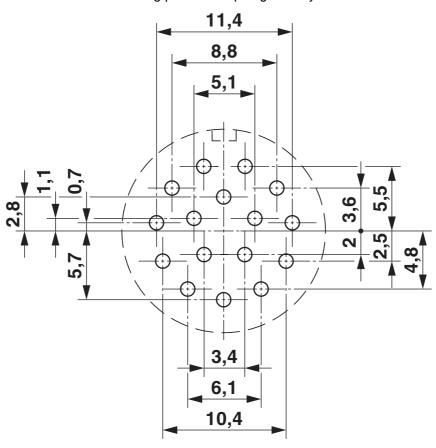
Connector pin assignment



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### Drilling plan/solder pad geometry



16-pos.



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### **Approvals**

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1619908

cUL Recognized Approval ID: E335019-20141210				
	Nominal voltage U <sub>t</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
	48 V	5 A	18 - 18	-

UL Recognized Approval ID: E335019-20141210					
		Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
		48 V	8 A	18 - 18	-

cULus Recognized



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## Classifications

#### **ECLASS**

	ECLASS-11.0	27440102		
	ECLASS-12.0	27440116		
	ECLASS-13.0	27440116		
ET	ETIM			
	ETIM 9.0	EC002635		
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	e8c4da85-3117-4322-b3b4-b63d4d14c8dc

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