G-INSEC-M20-S68N-NCRS-S - Cable gland

1411189

https://www.phoenixcontact.com/us/products/1411189

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Cable gland, material for screw connection: Brass, nickel-plated, application: EMC, external cable diameter 9 mm ... 13 mm, shielding: yes, connecting thread: M20 x 1.5, color: silver-colored, with O-ring

Commercial data

Item number	1411189
Packing unit	5 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	AF7DBX
GTIN	4046356923200
Weight per piece (including packing)	38.04 g
Weight per piece (excluding packing)	36.16 g
Customs tariff number	74198090
Country of origin	DE

Technical data

Mounting

Assembly note	Method 1 Cut the outer sheath, but do not remove it. Feed the cable through the screw connection and then remove the outer sheath. Now pull the cable back until the connection is established between the cable shield and the contact spring. Method 2 Push the braided shield back around 15 ... 20 mm over the outer sheath. Insert the cables into the screw connection until the connection is established between the cable shield and the contact spring.

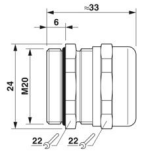
Product properties

Product type	Cable screw gland
Application	EMC
No. of conductors	1
Manufacturer	Jacob
Manufacturer Designation	50.620 M/EMVD
Shielded	yes
Execution of the strain relief	A

Characteristics

Category of shock impact	6
Design, Strain relief	A

Dimensions

Dimensional drawing	
Length	33 mm
Length of the connecting thread	6 mm
Hole diameter	20.1 mm ... 20.2 mm
Wrench size, union nut	22 mm
Wrench size, support	22 mm
Hexagon angular dimension	24 mm
Thread type connection side	M20 x 1.5
Thread pitch	1.5 mm

Connection data

Tightening torque	5 Nm (Union nut: EN 62444)
	3.5 Nm (Support: EN 62444)

Material specifications

Color	brass color
Material Compression ring	PA 6
Material grommet GRP	Perbunan
	CR/NBR
Material for screw connection	Brass, nickel-plated

Cable/line

External cable diameter Cable 1	9 mm ... 13 mm
Halogen-free	no

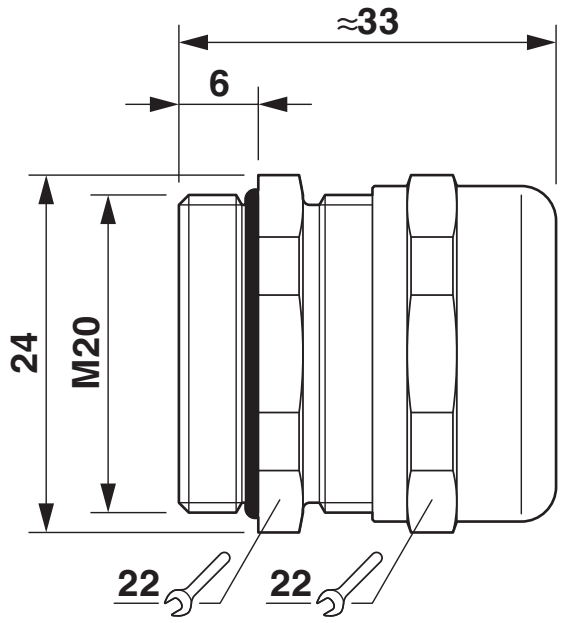
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP68 (5 bar, 30 minutes)
Ambient temperature (operation)	-40 °C ... 100 °C (static)

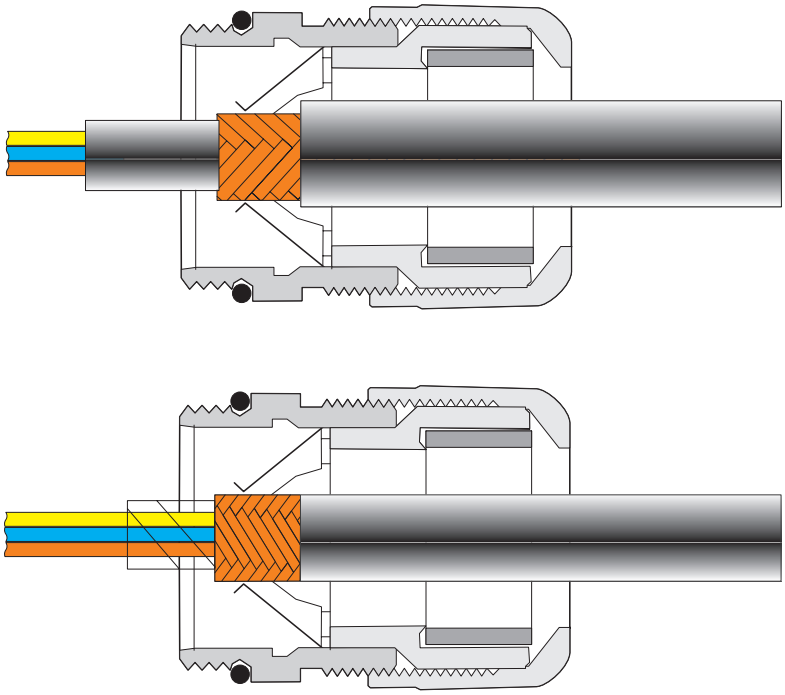
Drawings

Dimensional drawing



Dimensional drawing

Functional drawing



See assembly instruction

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1411189

DNV
Approval ID: TAE00003WY

cUL Recognized
Approval ID: QCRV8.E140310

UL Recognized
Approval ID: QCRV2.E140310

UL Listed
Approval ID: QCRV.E140310

cUL Listed
Approval ID: QCRV7.E140310

Classifications

ECLASS

ECLASS-13.0	27140801
ECLASS-15.0	27140801

ETIM

ETIM 10.0	EC000441

UNSPSC

UNSPSC 21.0	39121300

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	c583eccc-0186-4f8a-8f0b-5fca95660bbc

EF3.1 Climate Change

CO2e kg	0.436 kg CO2e

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