

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



1411189

<https://www.phoenixcontact.com/no/products/1411189>

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

Commercial data

Item number	1411189
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	31BBF
Product key	BF7DBX
Catalog page	Page 690 (C-2-2019)
GTIN	4046356923200
Weight per piece (including packing)	38.98 g
Weight per piece (excluding packing)	36.16 g
Customs tariff number	74198090
Country of origin	DE

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Technical data

Mounting

Assembly instructions	<p>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.</p> <p>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.</p>
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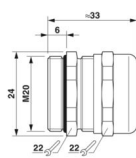
Product properties

Product type	Full screw connection
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)

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Material specifications

Color	Brass
Material Compression ring	PA 6
Seal material O-ring	Perbunan
Seal material Cable seal	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)

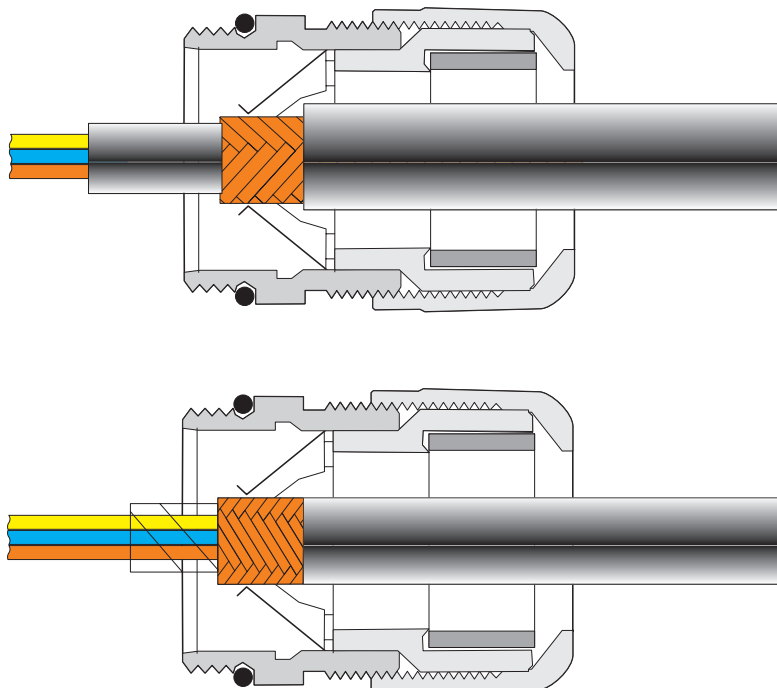
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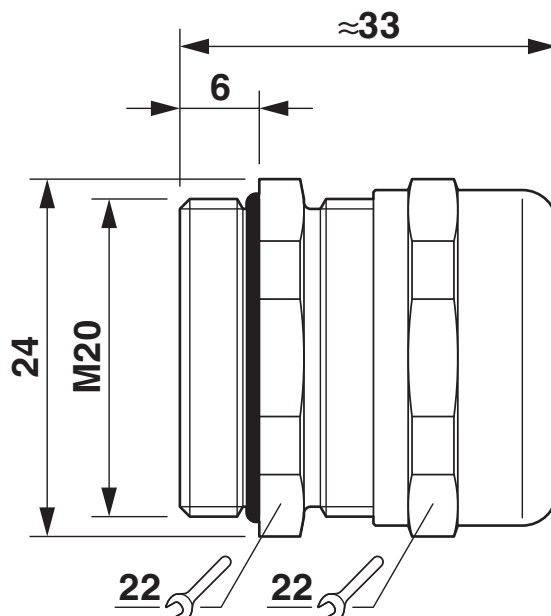
Drawings

Functional drawing



See assembly instruction

Dimensional drawing



Dimensional drawing

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/no/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

cULus Recognized

cULus Listed

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Classifications

ECLASS

ECLASS-11.0	27144432
ECLASS-12.0	27140801
ECLASS-13.0	27140801

ETIM

ETIM 9.0	EC000441
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UNSPSC

UNSPSC 21.0	39121300
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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