

G-INS-M20-S68N-PNES-GY - Cable gland



1411125

<https://www.phoenixcontact.com/us/products/1411125>

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Cable gland, material for screw connection: PA, application: Standard, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver-gray RAL 7001

Your advantages

- Plastic material conforms to UL 746C f1

Commercial data

Item number	1411125
Packing unit	5 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	AF7DCX
GTIN	4046356922548
Weight per piece (including packing)	10.66 g
Weight per piece (excluding packing)	10 g
Customs tariff number	39269097
Country of origin	TR

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Technical data

Mounting

Assembly note	1) Mount screw connection support in the housing using the correct torque 2) Insert cable 3) Tighten union nut using the correct torque
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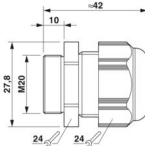
Product properties

Product type	Cable screw gland
Application	Standard
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BM-02
Shielded	no
Execution of the strain relief	A

Characteristics

Category of shock impact	2
Design, Strain relief	A

Dimensions

Dimensional drawing	
Length	42 mm
Length of the connecting thread	10 mm
Hole diameter	20.1 mm ... 20.2 mm
Wrench size, union nut	24 mm
Wrench size, support	24 mm
Hexagon angular dimension	27.8 mm
Thread type connection side	M20 x 1.5
Thread pitch	1.5 mm

Connection data

Tightening torque	4 Nm $\pm$ 0.5 Nm (Cap nut) 3.5 Nm (Support sleeve)
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Material specifications

Color	silver grey (RAL 7001)
Material Housing	PA (Housing)
Flammability rating according to UL 94	V2
Seal material Cable seal	CR

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Material for screw connection	PA
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Cable/line

External cable diameter Cable 1	6 mm ... 12 mm
External cable diameter	6 mm ... 12 mm (for UL 514 B)
Halogen-free	no

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
	IP68 (5 bar / 0.5 h)
Enclosure rating (NEMA)	1
	4
	4X
	12
	13
Ambient temperature (operation)	-40 °C ... 100 °C (static)

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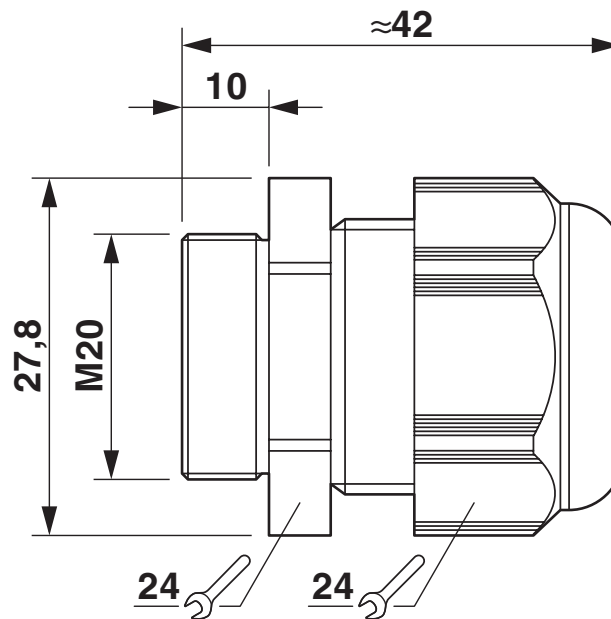
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Drawings

Dimensional drawing



Dimensional drawing

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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411125>

DNV

Approval ID: TAE00003WX



CSA

Approval ID: 115116



VDE approval of drawings

Approval ID: 40024418



UL Listed

Approval ID: E199260

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Classifications

ECLASS

ECLASS-13.0	27140801
ECLASS-15.0	27140801

ETIM

ETIM 9.0	EC000441
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UNSPSC

UNSPSC 21.0	39121300
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
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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