G-INS-M20-M68N-SNES-S - Cable gland

1424543

https://www.phoenixcontact.com/us/products/1424543

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Cable gland, material for screw connection: Stainless steel 1.4305, application: Standard, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver-colored, with O-ring

Commercial data

Item number	1424543
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	AF7DAX
GTIN	4055626374482
Weight per piece (including packing)	31.6 g
Weight per piece (excluding packing)	29.4 g
Customs tariff number	73269098
Country of origin	TR

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

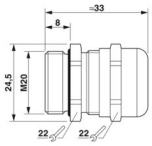
Product properties

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

Characteristics

Category of shock impact	2
Design, Strain relief	A

Dimensions

Dimensional drawing	
Length	33 mm
Length of the connecting thread	8 mm
Hole diameter	20.1 mm ... 20.3 mm
Wrench size, union nut	22 mm
Wrench size, support	22 mm
Hexagon angular dimension	24.5 mm
Thread type connection side	M20 x 1.5
Thread pitch	1.5 mm

Connection data

Tightening torque	8 Nm (Cap nut)
	5.5 Nm (Support sleeve)
	for UL514 B: union nut

Material specifications

Color	Steel/stainless steel color
Material Compression ring	PA 6
Material grommet GRP	Perbunan (O-ring)

	CR
Material for screw connection	Stainless steel 1.4305

Cable/line

External cable diameter Cable 1	6 mm ... 12 mm
External cable diameter	10 mm ... 12 mm (for UL 514 B)

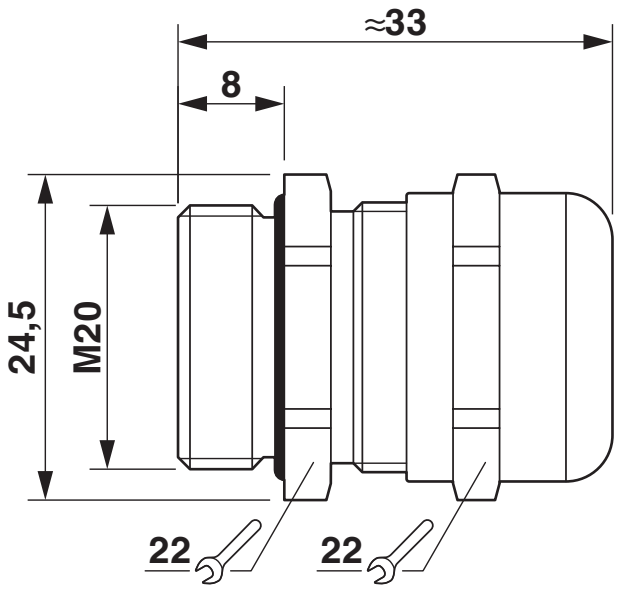
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP68 (5 bar, 30 min.)
	IP66
	IP69
Ambient temperature (operation)	-40 °C ... 100 °C (static)

Drawings

Dimensional drawing



Dimensional drawing

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1424543

UL Listed
Approval ID: E199260

cUL Listed
Approval ID: E199260

Classifications

ECLASS

ECLASS-15.0	27140801
ECLASS-13.0	27140801

ETIM

ETIM 10.0	EC000441

UNSPSC

UNSPSC 21.0	39121300

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%

EF3.1 Climate Change

CO2e kg	2.812 kg CO2e

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