G-INS-M16-M68N-SNES-S - Cable gland

1424542

https://www.phoenixcontact.com/us/products/1424542

PHŒNIX CONTACT

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Cable gland, material for screw connection: Stainless steel 1.4305, external cable diameter 5 mm ... 10 mm, shielding: no, connecting thread: M16 x 1.5, color: silver, with O-ring

Commercial data

Item number	1424542
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	BF7DAX
Catalog page	Page 692 (C-2-2019)
GTIN	4055626374475
Weight per piece (including packing)	34.2 g
Weight per piece (excluding packing)	33.8 g
Customs tariff number	73269098
Country of origin	TR

Technical data
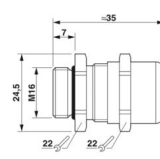
Product properties

Product type	Cable screw gland
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BMSC-E1
Shielded	no
Execution of the strain relief	A

Connection data

Tightening torque	... 8 Nm

Dimensions

Dimensional drawing	

Length	35 mm
Length of the connecting thread	7 mm
Hole diameter	16.1 mm ... 16.3 mm
Wrench size, union nut	22 mm
Wrench size, support	22 mm
Hexagon angular dimension	24.5 mm
Thread type connection side	M16 x 1.5
Thread pitch	1.5 mm

Material specifications

Color	Steel / stainless steel
Material Compression ring	PA 6
Seal material O-ring	Perbunan
Seal material Cable seal	CR
Material for screw connection	Stainless steel 1.4305

Cable/line

External cable diameter (Cable 1)	5 mm ... 10 mm
External cable diameter ()	6 mm ... 10 mm (for UL 514 B)

Characteristics

Category of shock impact	2
Design, Strain relief	A

Environmental and real-life conditions

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Ambient conditions

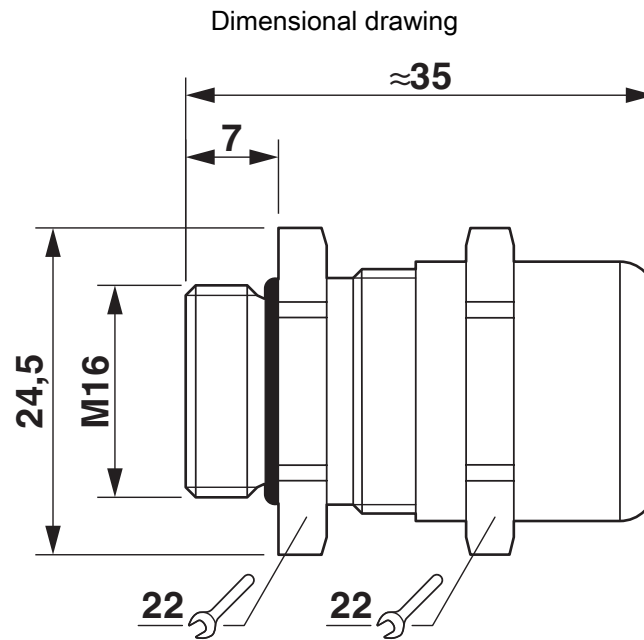|	
Degree of protection	IP68 (5 bar, 30 min.)
	IP66
	IP69
Ambient temperature (operation)	-40 °C ... 100 °C (static)

Mounting

Assembly instructions	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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Drawings

Dimensional drawing

Dimensional drawing

Approvals

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	cUL Recognized
	Approval ID: E199260

	UL Recognized
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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC000441

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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Accessories

A-INL-M16-S-S - Counter nut

1425176

https://www.phoenixcontact.com/us/products/1425176

Counter nut, for threads M16 x 1.5, color: silver

SEALING PLUG 8X16 RD - Closing cap

1400257

https://www.phoenixcontact.com/us/products/1400257

Closing cap, color: red