

G-INS-M16-T68N-PNES-LG - Cable gland



1424470

<https://www.phoenixcontact.com/us/products/1424470>

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Cable gland, material for screw connection: PA, application: Standard, external cable diameter 4 mm ... 8 mm, shielding: no, connecting thread: M16 x 1.5, color: lightgrey RAL 7035

Your advantages

- Plastic material conforms to UL 746C f1

Commercial data

Item number	1424470
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BF68
Product key	BF7DCX
Catalog page	Page 686 (C-2-2019)
GTIN	4055626374178
Weight per piece (including packing)	6.3 g
Weight per piece (excluding packing)	6.1 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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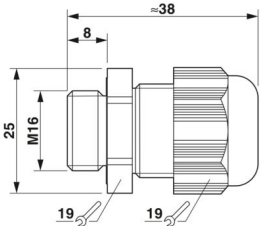
Product properties

Product type	Cable screw gland
Application	Standard
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BM-EN-11
Shielded	no
Execution of the strain relief	A

Characteristics

Category of shock impact	2
Design, Strain relief	A

Dimensions

Dimensional drawing	
Length	43 mm
Length of the connecting thread	8 mm
Hole diameter	16.1 mm ... 16.2 mm
Wrench size, union nut	19 mm
Wrench size, support	19 mm
Hexagon angular dimension	25 mm
Thread type connection side	M16 x 1.5
Thread pitch	1.5 mm

Connection data

Tightening torque	2.5 Nm \pm 0.5 Nm (Cap nut)
	2.5 Nm (Support sleeve)

Material specifications

Color	light grey (RAL 7035)
Flammability rating according to UL 94	V2

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Seal material Cable seal	CR
Material for screw connection	PA

Cable/line

External cable diameter Cable 1	4 mm ... 8 mm
External cable diameter	4 mm ... 8 mm (for UL 514 B)

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)

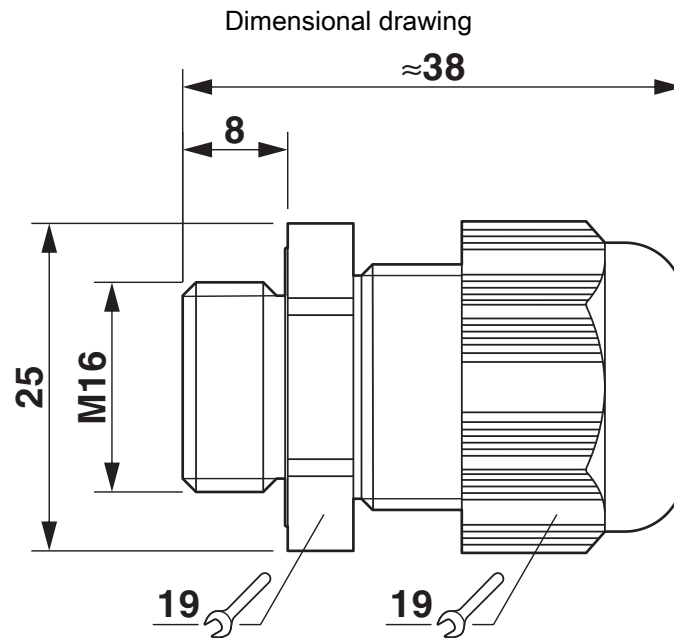
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Drawings



Dimensional drawing

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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424470>

DNV

Approval ID: TAE00003WX



CSA

Approval ID: 115116



UL Recognized

Approval ID: E199260

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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

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-P-LG - Counter nut

1417660

<https://www.phoenixcontact.com/us/products/1417660>

Counter nut, for threads M16 x 1.5, color: light grey



SEALING PLUG 8X16 RD - Closing cap

1400257

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

Closing cap, color: red



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Phoenix Contact USA

586 Fulling Mill Road

Middletown, PA 17057, United States

(+717) 944-1300

info@phoenixcon.com