

G-INVEN-M16-M67N-PNES-LG - Cable gland



1424533

<https://www.phoenixcontact.com/us/products/1424533>

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Cable gland, material for screw connection: PA, application: Standard, external cable diameter 4 mm ... 7 mm, shielding: no, connecting thread: M16 x 1.5, color: lightgrey RAL 7035, with pressure compensation element and flat gasket

Product description

Cable gland with integrated pressure compensation element. Prevents low pressure forming in the housing. Membrane: resistant to water and dirt

Your advantages

- Reduces the formation of condensation
- Screw connection with integrated pressure compensation element
- Plastic material conforms to UL 746C f1

Commercial data

Item number	1424533
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF68
Product key	BF7DCX
Catalog page	Page 694 (C-2-2019)
GTIN	4055626374383
Weight per piece (including packing)	7.35 g
Weight per piece (excluding packing)	7.35 g
Customs tariff number	39269097
Country of origin	TR

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Technical data

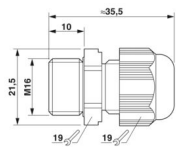
Product properties

Product type	Cable screw gland
Application	Standard
No. of conductors	1
Type	with pressure compensation element and flat gasket
Manufacturer	BIMED
Manufacturer Designation	BMVG-11
Air flow rate	25 (l/h at a pressure differential of 70 mbar)
Shielded	no
Execution of the strain relief	A

Characteristics

Category of shock impact	5
Design, Strain relief	A

Dimensions

Dimensional drawing	
Length	35.5 mm
Length of the connecting thread	10 mm
Hole diameter	16.1 mm ... 16.2 mm
Wrench size, union nut	19 mm
Wrench size, support	19 mm
Thread type connection side	M16 x 1.5
Thread pitch	1.5 mm

Connection data

Tightening torque	2 Nm \pm 0.2 Nm (Cap nut)
	2.5 Nm (Support sleeve)

Material specifications

Color	light grey (RAL 7035)
Material	PTFE
Flammability rating according to UL 94	V2
Seal material Flat gasket	NBR
Seal material Cable seal	CR
Material for screw connection	PA

Cable/line

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External cable diameter Cable 1	4 mm ... 7 mm
External cable diameter	4 mm ... 8 mm (for UL 514 B)
Halogen-free	no

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP66
Enclosure rating (NEMA)	1
	4
	4X
	12
	13
Ambient temperature (operation)	-20 °C ... 100 °C (static)

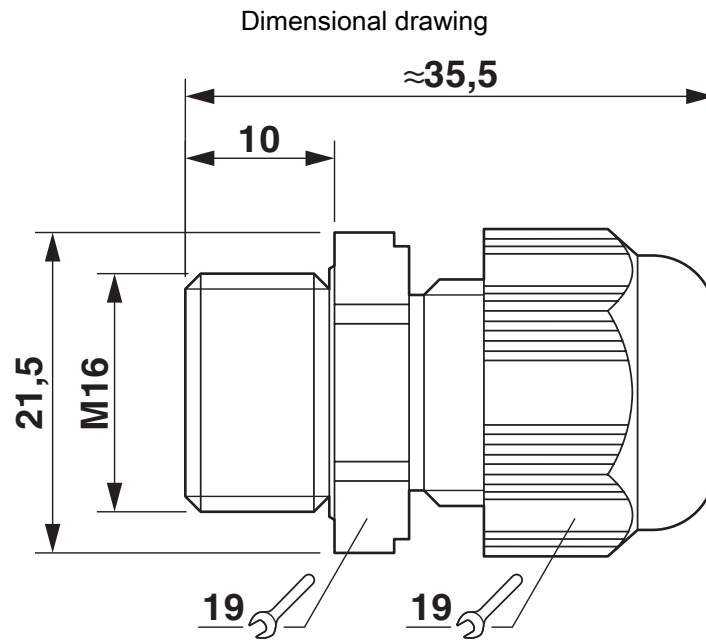
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Drawings



Dimensional drawing

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424533>

DNV

Approval ID: TAE00003WX



cUL Recognized

Approval ID: E199260



UL Recognized

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cULus Recognized

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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
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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 6X16 RD - Closing cap

1400254

<https://www.phoenixcontact.com/us/products/1400254>

Closing cap, color: red



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