

G-INS-M16-S68N-PNES-GY - Cable gland



1411124

<https://www.phoenixcontact.com/us/products/1411124>

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Cable gland, material for screw connection: PA, external cable diameter 5 mm ... 10 mm, shielding: no, connecting thread: M16 x 1.5, color: silver-grey RAL 7001

Your advantages

- Plastic material conforms to UL 746C f1

Commercial data

Item number	1411124
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BF68
Product key	BF7DCX
Catalog page	Page 686 (C-2-2019)
GTIN	4046356922524
Weight per piece (including packing)	9.815 g
Weight per piece (excluding packing)	9.27 g
Customs tariff number	39269097
Country of origin	TR

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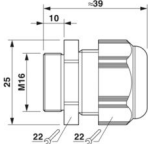
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Technical data

Product properties

Product type	Cable screw gland
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BM-01
Shielded	no
Execution of the strain relief	A

Dimensions

Dimensional drawing	
Length	39 mm
Length of the connecting thread	10 mm
Hole diameter	16.1 mm ... 16.2 mm
Wrench size, union nut	22 mm
Wrench size, support	22 mm
Hexagon angular dimension	25 mm
Thread type connection side	M16 x 1.5
Thread pitch	1.5 mm

Material specifications

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

Cable/line

External cable diameter (Cable 1)	5 mm ... 10 mm
External cable diameter ()	5 mm ... 10 mm (for UL 514 B)
Halogen-free	no

Characteristics

Category of shock impact	2
Design, Strain relief	A

Environmental and real-life conditions

Ambient conditions

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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)

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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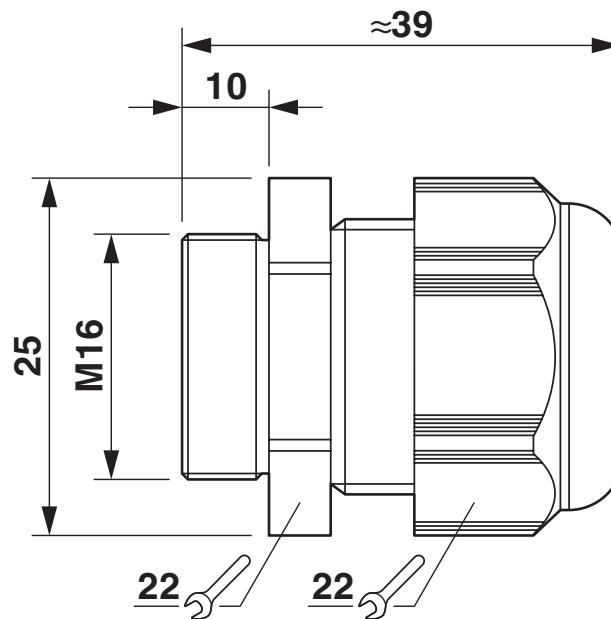
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Drawings

Dimensional drawing



Dimensional drawing

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411124>

DNV

Approval ID: TAE00003WX



CSA

Approval ID: 115116



cUL Recognized

Approval ID: E199260



UL Recognized

Approval ID: E199260



VDE Zeichengenehmigung

Approval ID: 40024418

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

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

A-INL-M16-P-GY - Counter nut

1411206

<https://www.phoenixcontact.com/us/products/1411206>

Counter nut, for threads M16 x 1.5, color: silver-grey RAL 7001



SEALING PLUG 8X16 RD - Closing cap

1400257

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

Closing cap, color: red



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