

G-INS-M25-M68N-PNES-LG - Cable gland



1417654

<https://www.phoenixcontact.com/us/products/1417654>

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Cable gland, material for screw connection: PA, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: lightgrey RAL 7035

Your advantages

- Plastic material conforms to UL 746C f1

Commercial data

Item number	1417654
Packing unit	1 pc
Minimum order quantity	5 pc
Sales key	BF68
Product key	BF7DCX
Catalog page	Page 686 (C-2-2019)
GTIN	4055626120973
Weight per piece (including packing)	17 g
Weight per piece (excluding packing)	15.8 g
Customs tariff number	39269097
Country of origin	TR

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Technical data

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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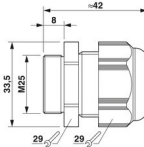
Product properties

Product type	Full screw connection
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BM-EN-13
Shielded	no
Execution of the strain relief	A

Characteristics

Category of shock impact	4
Design, Strain relief	A

Dimensions

Dimensional drawing	
Length	43 mm
Length of the connecting thread	8 mm
Hole diameter	25.1 mm ... 25.2 mm
Wrench size, union nut	29 mm
Wrench size, support	29 mm
Hexagon angular dimension	33.5 mm
Thread type connection side	M25 x 1.5
Thread pitch	1.5 mm

Material specifications

Flammability rating according to UL 94	V2
Seal material Cable seal	CR
Material for screw connection	PA

Cable/line

External cable diameter (Cable 1)	11 mm ... 17 mm
External cable diameter ()	13 mm ... 17 mm (for UL 514 B)

Environmental and real-life conditions

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Ambient conditions

Degree of protection	IP66
	IP68 (5 bar / 0.5 h)
Ambient temperature (operation)	-40 °C ... 100 °C (static)

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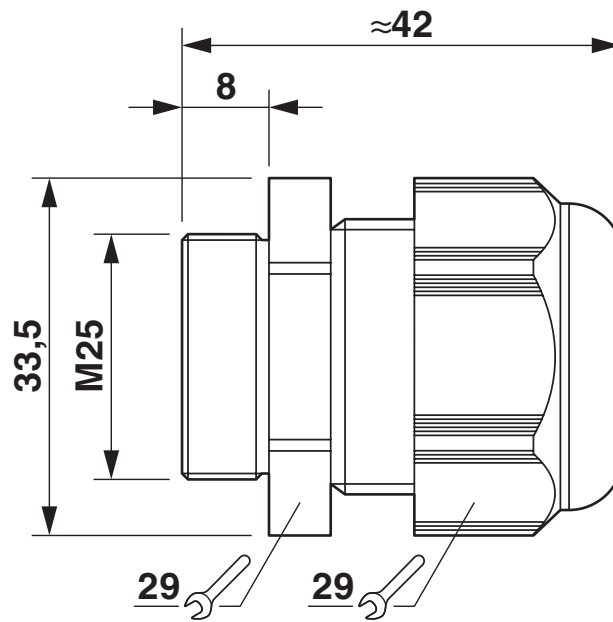


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Drawings

Dimensional drawing



Dimensional drawing

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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1417654>

DNV

Approval ID: TAE00003WX



UL Listed

Approval ID: E199260

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Classifications

ECLASS

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

ETIM

ETIM 8.0	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-M25-P-LG - Counter nut

1417661

<https://www.phoenixcontact.com/us/products/1417661>

Counter nut, for threads M25 x 1.5, color: light grey



SEALING PLUG 14X22 RD - Closing cap

1400270

<https://www.phoenixcontact.com/us/products/1400270>

Closing cap, for threads pluggable, color: red



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