G-INS-PG11-M68N-PNES-LG - Cable gland

1424487

https://www.phoenixcontact.com/us/products/1424487

PHŒNIX CONTACT

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Cable gland, material for screw connection: PA, application: Standard, external cable diameter 5 mm ... 10 mm, shielding: no, connecting thread: Pg11, color: lightgrey RAL 7035

Your advantages

• Plastic material conforms to UL 746C f1

Commercial data

Item number	1424487
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF68
Product key	BF7DCX
Catalog page	Page 687 (C-2-2019)
GTIN	4055626373171
Weight per piece (including packing)	9.433 g
Weight per piece (excluding packing)	9.02 g
Customs tariff number	39269097
Country of origin	TR

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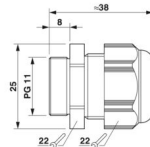
Technical data

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

Product properties

Product type	Cable screw gland
Application	Standard
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BS-13
Shielded	no

Dimensions

Dimensional drawing	
Length	38 mm
Length of the connecting thread	8 mm
Hole diameter	18.7 mm ... 18.8 mm
Wrench size, union nut	22 mm
Wrench size, support	22 mm
Hexagon angular dimension	25 mm
Thread type connection side	Pg11

Connection data

Tightening torque	2.5 Nm ±0.5 Nm (Cap nut)
	2 Nm (Support sleeve)

Material specifications

Color	light grey (RAL 7035)
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)

Environmental and real-life conditions

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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
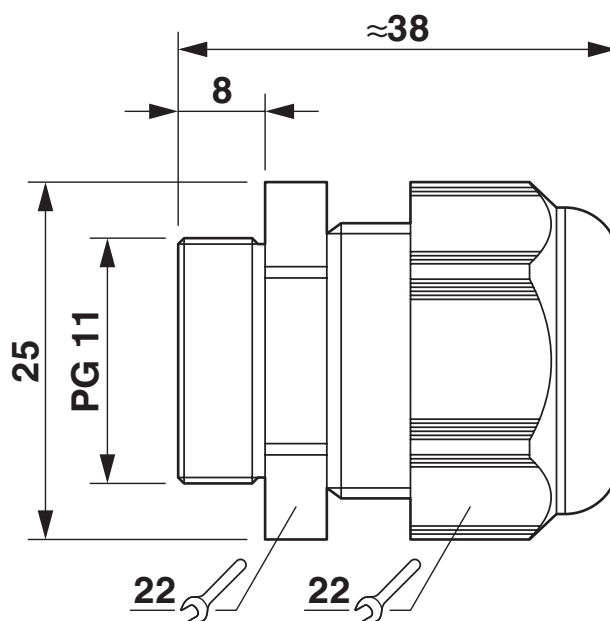
Dimensional drawing

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1424487

DNV
Approval ID: TAE00003WX

CSA
Approval ID: 115116

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

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-PG11-P-GY - Counter nut

1411223

https://www.phoenixcontact.com/us/products/1411223

Counter nut, for threads Pg11, color: silver-grey RAL 7001

SEALING PLUG 8X16 RD - Closing cap

1400257

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

Closing cap, color: red