G-INS-PG48-M68N-PNES-LG - Cable gland

1424494

https://www.phoenixcontact.com/us/products/1424494

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Cable gland, material for screw connection: PA, application: Standard, external cable diameter 34 mm ... 44 mm, shielding: no, connecting thread: Pg48, color: lightgray RAL 7035

Your advantages

- Plastic material conforms to UL 746C f1

Commercial data

Item number	1424494
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	AF7DCX
GTIN	4055626373249
Weight per piece (including packing)	101.4 g
Weight per piece (excluding packing)	101.4 g
Customs tariff number	39269097
Country of origin	TR

Technical data

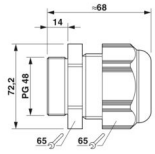
Mounting

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-20
Shielded	no

Dimensions

Dimensional drawing	
Length	68 mm
Length of the connecting thread	14 mm
Hole diameter	59.4 mm ... 59.7 mm
Wrench size, union nut	65 mm
Wrench size, support	65 mm
Hexagon angular dimension	72.2 mm
Thread type connection side	Pg48

Connection data

Tightening torque	20 Nm ±1 Nm (Cap nut) 14 Nm (Support sleeve)

Material specifications

Color	light gray (RAL 7035)
Flammability rating according to UL 94	V2
Material grommet GRP	CR
Material for screw connection	PA

Cable/line

External cable diameter Cable 1	34 mm ... 44 mm
External cable diameter	34 mm ... 44 mm (for UL 514 B)

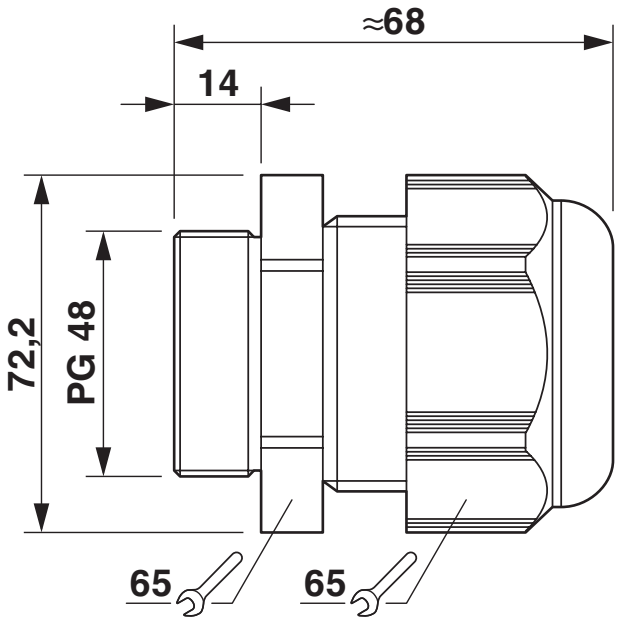
Environmental and real-life conditions

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)

Drawings

Dimensional drawing



Dimensional drawing

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1424494

DNV
Approval ID: TAE00003WX

CSA
Approval ID: 115116

UL Listed
Approval ID: E199260

cUL Listed
Approval ID: E199260

Classifications

ECLASS

ECLASS-13.0	27140801
ECLASS-15.0	27140801

ETIM

ETIM 10.0	EC000441

UNSPSC

UNSPSC 21.0	39121300

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%

EF3.1 Climate Change

CO2e kg	0.808 kg CO2e

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