

INDUSTRIAL COMPONENT DATA

G-INS-PG48-M68N-PNES-LG 1424494 PHOENIX CONTACT

Cable gland

Brand: PHOENIX CONTACT | Manufacturer Part Number: G-INS-PG48-M68N-PNES-LG



Manufacturer	PHOENIX CONTACT
MPN / Reference	G-INS-PG48-M68N-PNES-LG
Catalog number	1424494
Category	Cable gland
Minimum order	1 Pcs
Document ID	EO-B10C7281CC
Generated	2026-08-03

Product Overview

Cable gland

Cable gland, screw connection material: PA, cable outer diameter 34 mm ... 44 mm, shielding: no, connection thread: Pg48, colour: light grey RAL 7035

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

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial plug-in connectors/interfaces
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Additional Product Information

Technical dataMountingAssembly 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 propertiesProduct type Cable screw gland

Application Standard

No. of conductors 1

Manufacturer BIMED

Manufacturer Designation BS-20

Shielded no

Data management status

Article revision 00

DimensionsDimensional 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 $\pm$ 1 Nm (Cap nut)
14 Nm (Support sleeve)
Material specifications Color light gray (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 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)
ETIM for 1424494 Cable glands and cable entry products (EC000441)
Feature Name
Feature Value
Thread type (EF001758)
PG
Nominal thread size inch/gas pipe thread (EF007838)
Other
Thread length (EF000368)
14 mm
Wrench width (EF000177)
65 mm
Hexagon angular dimension (EF005268)
72.2 mm
Suitable for cable diameter (EF005466)
34 mm
Material (EF002169)
O...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / G-INS-PG48-M68N-PNES-LG with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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