

INDUSTRIAL COMPONENT DATA

G-INS-PG29-M68N-PNES-BK 1424501 PHOENIX CONTACT

Cable gland

Brand: PHOENIX CONTACT | Manufacturer Part Number: G-INS-PG29-M68N-PNES-BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	G-INS-PG29-M68N-PNES-BK
Catalog number	1424501
Category	Cable gland
Minimum order	5 Pcs
Document ID	EO-D0DD02394E
Generated	2026-08-04

Product Overview

Cable gland

Cable gland, screwed connection material: PA, outer diameter of the cable 18 mm ... 25 mm, shielding: no, connection thread: Pg29, color: intense black RAL 9005

Cable gland, material for screw connection: PA, application: Standard, external cable diameter 18 mm ... 25 mm, shielding: no, connecting thread: Pg29, color: jet black RAL 9005

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

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-27

Shielded no

Data management status

Article revision 00

DimensionsDimensional drawing

Length 53 mm
Length of the connecting thread 11 mm
Hole diameter 37.1 mm ... 37.4 mm
Wrench size, union nut 42 mm
Wrench size, support 42 mm
Hexagon angular dimension 48 mm
Thread type connection side Pg29
Connection data Tightening torque 10 Nm $\pm$ 0.5 Nm (Cap nut)
9 Nm (Support sleeve)
Material specifications Color black (RAL 9005)
Flammability rating according to UL 94 V2
Seal material Cable seal CR
Material for screw connection PA
Cable/line External cable diameter Cable 1 18 mm ... 25 mm
External cable diameter 18 mm ... 25 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 1424501 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)
11 mm
Wrench width (EF000177)
42 mm
Hexagon angular dimension (EF005268)
48 mm
Suitable for cable diameter (EF005466)
18 mm
Material (EF002169)
Other
Mat...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / G-INS-PG29-M68N-PNES-BK 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.