INDUSTRIAL COMPONENT DATA

G-INS-PG7-M68N-PNES-BK 1424495 PHOENIX CONTACT Cable gland

Brand: PHOENIX CONTACT | Manufacturer Part Number: G-INS-PG7-M68N-PNES-BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	G-INS-PG7-M68N-PNES-BK
Catalog number	1424495
Category	Cable gland
Minimum order	10 Pcs
Document ID	EO-2971595AA3
Generated	2026-11-19

Product Overview

Cable gland
Cable gland, screwed connection material: PA, outer diameter of the cable 3 mm ... 6.5 mm, shielding: no, connection thread: Pg7, colour: deep black RAL 9005
Cable glands, screw connection material: PA, application: Standard, cable outer diameter 3 mm 6.5 mm, shielding: no, thread: Pg7, colour: deep 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

Key Commercial Data
Orderkey 1424495
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 695 (C-2-2017)
GTIN 4055626373256
Weight per Piece (excluding packing) 3.600 g
Custom tariff number 39269097
Country of origin TR (Turkey)
Dimensions
Length 32 mm

Wrench size, union nut 15 mm
Wrench size, support 15 mm
Hexagon angular dimension 17.1 mm
Length of the connecting thread 8 mm
Feed-through hole diameter 12.6 mm ... 12.7 mm
External cable diameter 3 mm ... 6.5 mm
4 mm ... 6 mm (for UL 514 B)
Ambient conditions
Degree of protection IP68 (5 bar / 0.5 h)
Ambient temperature (operation) -20 °C ... 100 °C (static)
General
No. of conductors 1
Cable gland material PA
Cable seal material Neoprene
Flammability rating according to UL 94 V2
V2 (Housing)
Shielded no
Thread type connection side Pg7
Thread type on connection side Pg7
Torque 1.5 Nm (Union nut: EN 62444)
1.5 Nm (Support: EN 62444)
2 Nm (for UL514 B: union nut)
Color jet black RAL 9005
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
Manufacturer BIMED
Manufacturer Designation BS-21
Standards and Regulations
Flammability rating according to UL 94 V2
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold values
Classifications
eCl@ss 5.127149109eCl@ss 6.027149100eCl@ss 7.027149109eCl@ss 8.027149109eCl@ss 9.027144432
ETIM 5....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / G-INS-PG7-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

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