INDUSTRIAL COMPONENT DATA

G-INB-M12-S68N-PEPDS-BK 1415177 PHOENIX CONTACT Cable gland

Brand: PHOENIX CONTACT | Manufacturer Part Number: G-INB-M12-S68N-PEPDS-BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	G-INB-M12-S68N-PEPDS-BK
Catalog number	1415177
Category	Cable gland
Minimum order	10 Pcs
Document ID	EO-BD0538F294
Generated	2026-11-19

Product Overview

Cable gland
Cable gland, screwed connection material: PA, outer diameter of the cable 3 mm ... 7 mm, shielding: no, connection thread: M12 x 1.5, colour: deep black RAL 9005, with torsion protection

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 1415177
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 704 (C-2-2017)
GTIN 4055626038087
Weight per Piece (excluding packing) 9.760 g
Custom tariff number 39269097
Country of origin DE (Germany)
Dimensions
Length 72 mm
Wrench size, union nut 16 mm
Wrench size, support 16 mm

Hexagon angular dimension 18 mm
Length of the connecting thread 9 mm
Feed-through hole diameter 12.1 mm ... 12.2 mm
External cable diameter 3 mm ... 7 mm
4.1 mm ... 6 mm (for UL 514 B)
Ambient conditions
Degree of protection (IP) IP68 (5 bar / 0.5 h)
IP69 (DIN EN 60529 / IEC 60529)
Ambient temperature (operation) -40 °C ... 100 °C (static)
General
Type with bend protection sleeve
No. of conductors 1
Cable gland material PA
Sealing material EPDM (Cable seal, halogen-free)
Glow wire ignition temperature GWIT according to EN 60695-2-13 750.00
Shielded no
Thread type connection side M12 x 1.5
Thread type on connection side M12
Torque 2 Nm (Union nut: EN 62444)
2 Nm (Support: EN 62444)
Color jet black
Impact category 2
Execution of the strain relief A
Manufacturer WISKA
Manufacturer Designation ESKVS 12
Standards and Regulations
Halogen-free yes
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold values
Classifications
eCl@ss 5.127149100eCl@ss 6.027149100eCl@ss 7.027149109eCl@ss 8.027149109eCl@ss 9.027144432
ETIM 5.0EC000441ETIM 6.0EC000441
UNSPSC 13.239121311

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / G-INB-M12-S68N-PEPDS-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.