INDUSTRIAL COMPONENT DATA

G-INS-M20-M68N-PNES-BK 1424481 PHOENIX CONTACT Cable gland

Brand: PHOENIX CONTACT | Manufacturer Part Number: G-INS-M20-M68N-PNES-BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	G-INS-M20-M68N-PNES-BK
Catalog number	1424481
Category	Cable gland
Minimum order	5 Pcs
Document ID	EO-18B4A3C1EA
Generated	2026-11-18

Product Overview

Cable gland
Cable gland, screwed connection material: PA, outer diameter of the cable 10 mm ... 14 mm, shielding: no, connection thread: M20 x 1.5, 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 1424481
Packing unit 5 pc
Minimum order quantity 5 pc
Catalog page Page 694 (C-2-2017)
GTIN 4055626373119
Weight per Piece (excluding packing) 14.060 g
Custom tariff number 39269097
Country of origin TR (Turkey)
Dimensions
Length 42 mm
Wrench size, union nut 27 mm
Wrench size, support 27 mm

Hexagon angular dimension 27.8 mm
Length of the connecting thread 10 mm
Feed-through hole diameter 20.1 mm ... 20.2 mm
External cable diameter 10 mm ... 14 mm
10 mm ... 14 mm (for UL 514 B)
Ambient conditions
Degree of protection IP68 (5 bar / 0.5 h)
IP66
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 M20 x 1.5
Thread type on connection side M20
Torque 3.5 Nm (Union nut: EN 62444)
3.5 Nm (Support: EN 62444)
5.5 Nm (for UL514 B: union nut)
Color black
Impact category 2
Execution of the strain relief A
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 BM-23
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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / G-INS-M20-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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