INDUSTRIAL COMPONENT DATA

G-INS-M16-T68N-PNES-BK 1424480 PHOENIX CONTACT Cable gland

Brand: PHOENIX CONTACT | Manufacturer Part Number: G-INS-M16-T68N-PNES-BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	G-INS-M16-T68N-PNES-BK
Catalog number	1424480
Category	Cable gland
Minimum order	10 Pcs
Document ID	EO-6ED50A7E8A
Generated	2026-11-18

Product Overview

Cable gland
Cable gland, screwed connection material: PA, outer diameter of the cable 4 mm ... 8 mm, shielding: no, connection thread: M16 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 1424480
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 694 (C-2-2017)
GTIN 4055626373102
Weight per Piece (excluding packing) 6.320 g
Custom tariff number 39269097
Country of origin TR (Turkey)
Dimensions
Length 39 mm
Wrench size, union nut 19 mm
Wrench size, support 19 mm

Hexagon angular dimension 25 mm
Length of the connecting thread 8 mm
Feed-through hole diameter 16.1 mm ... 16.2 mm
External cable diameter 4 mm ... 8 mm
4 mm ... 8 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 M16 x 1.5
Thread type on connection side M16
Torque 2.5 Nm (Union nut: EN 62444)
2.5 Nm (Support: EN 62444)
4 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-EN-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 7.02714...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / G-INS-M16-T68N-PNES-BK with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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