INDUSTRIAL COMPONENT DATA

G-INS-M12-S68N-NNES-S 1411160 PHOENIX CONTACT Cable gland

Brand: PHOENIX CONTACT | Manufacturer Part Number: G-INS-M12-S68N-NNES-S



Manufacturer	PHOENIX CONTACT
MPN / Reference	G-INS-M12-S68N-NNES-S
Catalog number	1411160
Category	Cable gland
Minimum order	10 Pcs
Document ID	EO-7CF9D0D579
Generated	2026-11-19

Product Overview

Cable gland
Cable gland, screwed connection material: Brass, nickel-plated, cable outer diameter 3 mm ... 6.5 mm, shielding: no, connection thread: M12 x 1.5, color: silver, with O-ring

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 1411160
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 696 (C-2-2017)
GTIN 4046356922968
Weight per Piece (excluding packing) 12.910 g
Custom tariff number 74199990
Country of origin TR (Turkey)
Dimensions
Length 27 mm
Wrench size, union nut 14 mm
Wrench size, support 14 mm

Hexagon angular dimension 15.5 mm
Length of the connecting thread 6 mm
Feed-through hole diameter 12.1 mm ... 12.3 mm
External cable diameter 3 mm ... 6.5 mm
4 mm ... 6.5 mm (for UL 514 B)
Ambient conditions
Degree of protection (IP) IP69 (DIN EN 60529 / IEC 60529)
IP68 (5 bar, 30 min.)
IP66
Degree of protection (NEMA) 4X
Ambient temperature (operation) -40 °C ... 100 °C (static)
General
No. of conductors 1
Cable gland material Nickel-plated brass
Material, insert Polyamide 6
Cable seal material Neoprene
Sealing material Perbunan (O-ring)
Shielded no
Thread type connection side M12 x 1.5
Thread type on connection side M12
Torque 3 Nm (Union nut: EN 62444)
3 Nm (Support: EN 62444)
3 Nm (for UL514 B: union nut)
Color silver
Impact category 5
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 BMBC-0S
Standards and Regulations
Halogen-free no
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold v...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / G-INS-M12-S68N-NNES-S 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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