

## INDUSTRIAL COMPONENT DATA

# G-INS-M20-S68N-NNES-S 1411163 PHOENIX CONTACT Cable gland

Brand: PHOENIX CONTACT | Manufacturer Part Number: G-INS-M20-S68N-NNES-S



|                 |                       |
|-----------------|-----------------------|
| Manufacturer    | PHOENIX CONTACT       |
| MPN / Reference | G-INS-M20-S68N-NNES-S |
| Catalog number  | 1411163               |
| Category        | Cable gland           |
| Minimum order   | 5 Pcs                 |
| Document ID     | EO-5D23CE11CC         |
| Generated       | 2026-08-06            |

## Product Overview

Cable gland

Cable gland, screwed connection material: Brass, nickel-plated, cable outer diameter 6 mm ... 12 mm, shielding: no, connection thread: M20 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 1411163

Packing unit 5 pc

Minimum order quantity 5 pc

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GTIN 4046356922982

Weight per Piece (excluding packing) 29.480 g

Custom tariff number 74199990

Country of origin TR (Turkey)

Dimensions

Length 37 mm

Wrench size, union nut 22 mm

Wrench size, support 22 mm

Hexagon angular dimension 24.5 mm

Length of the connecting thread 8 mm

Feed-through hole diameter 20.1 mm ... 20.3 mm

External cable diameter 6 mm ... 12 mm

10 mm ... 12 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 M20 x 1.5

Thread type on connection side M20

Torque 5.5 Nm (Union nut: EN 62444)

5.5 Nm (Support: EN 62444)

6 Nm (for UL514 B: union nut)

Color silver

Impact category 6

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-02

Standards and Regulations

Halogen-free no

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / G-INS-M20-S68N-NNES-S with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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