INDUSTRIAL COMPONENT DATA

G-INS-M20-S68N-PNES-BK 1411133 PHOENIX CONTACT Cable gland

Brand: PHOENIX CONTACT | Manufacturer Part Number: G-INS-M20-S68N-PNES-BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	G-INS-M20-S68N-PNES-BK
Catalog number	1411133
Category	Cable gland
Minimum order	5 Pcs
Document ID	EO-9603AD11D3
Generated	2026-11-18

Product Overview

Cable gland
Cable gland, screwed connection material: PA, outer diameter of the cable 6 mm ... 12 mm, shielding: no, connection thread: M20 x 1.5, colour: deep black RAL 9005
Cable gland, material for screw connection: PA, application: Standard, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: jet 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

Technical dataMountingAssembly note 1) Mount screw connection support in the housing using the correct torque 2) Insert cable 3) Tighten union nut using the correct torque
Product propertiesProduct type Cable screw gland
Application Standard
No. of conductors 1
Manufacturer BIMED
Manufacturer Designation BM-22
Shielded no
Execution of the strain relief A
Data management status
Article revision 00

CharacteristicsCategory of shock impact 2
Design, Strain relief A
DimensionsDimensional drawing
Length 42 mm
Length of the connecting thread 10 mm
Hole diameter 20.1 mm ... 20.2 mm
Wrench size, union nut 24 mm
Wrench size, support 24 mm
Hexagon angular dimension 27.8 mm
Thread type connection side M20 x 1.5
Thread pitch 1.5 mm
Connection dataTightening torque 4 Nm ±0.5 Nm (Cap nut)
3.5 Nm (Support sleeve)
Material specificationsColor black (RAL 9005)
Material Housing PA (Housing)
Flammability rating according to UL 94 V2
Seal material Cable seal CR
Material for screw connection PA
Cable/lineExternal cable diameter Cable 1 6 mm ... 12 mm
External cable diameter 9 mm ... 12 mm (for UL 514 B)
Halogen-free no
Environmental and real-life conditionsAmbient conditions
Degree of protection IP66
IP68 (5 bar / 0.5 h)
Enclosure rating (NEMA) 1
4
4X
12
13
Ambient temperature (operation) -40 °C ... 100 °C (static)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / G-INS-M20-S68N-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

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.