

INDUSTRIAL COMPONENT DATA

G-INS-M16-M68L-PEPDS-LG 1424514 PHOENIX CONTACT

Cable gland

Brand: PHOENIX CONTACT | Manufacturer Part Number: G-INS-M16-M68L-PEPDS-LG



Manufacturer	PHOENIX CONTACT
MPN / Reference	G-INS-M16-M68L-PEPDS-LG
Catalog number	1424514
Category	Cable gland
Minimum order	10 Pcs
Document ID	EO-E37DD58221
Generated	2026-08-05

Product Overview

Cable gland

Cable gland, screw connection material: PA, outer diameter of the cable 4.5 mm ... 10 mm, shielding: no, connection thread: M16 x 1.5, colour: light grey RAL 7035

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 1424514

Packing unit 10 pc

Minimum order quantity 10 pc

GTIN 4055626374192

Weight per Piece (excluding packing) 10.370 g

Custom tariff number 39269097

Country of origin DE (Germany)

Dimensions

Length 37 mm

Wrench size, union nut 20 mm

Wrench size, support 20 mm

Hexagon angular dimension 22 mm

Length of the connecting thread 15 mm

Feed-through hole diameter 16.1 mm ... 16.2 mm

External cable diameter 4.5 mm ... 10 mm

6 mm ... 8.6 mm (UL)

Ambient conditions

Degree of protection IP68 (5 bar / 0.5 h)

IP69

Ambient temperature (operation) -40 °C ... 100 °C (static)

General

No. of conductors 1

Cable gland material PA

Cable seal material EPDM

Shielded no

Thread type connection side M16 x 1.5

Thread type on connection side M16

Torque 1.5 Nm (Union nut)

3.5 Nm (Support sleeve)

Color lightgrey RAL 7035

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 WSKA

Manufacturer Designation ESKV-L 16

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 7.027149109eCl@ss 8.027149109eCl@ss 9.027144432

ETIM 5.0EC000441ETIM 6.0EC000441

ETIM for 1424514 Cable glands and cable entry products (EC000441)

Feature Name

Feature Value

Thread type (EF001758)

M...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / G-INS-M16-M68L-PEPDS-LG 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.