G-INS-M16-M68L-PEPDS-LG - Cable gland

1424514

https://www.phoenixcontact.com/us/products/1424514

PHŒNIX CONTACT

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Cable gland, material for screw connection: PA, external cable diameter 4.5 mm ... 10 mm, shielding: no, connecting thread: M16 x 1.5, color: lightgrey RAL 7035

Commercial data

Item number	1424514
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BF68
Product key	BF7DCX
GTIN	4055626374192
Weight per piece (including packing)	10.36 g
Weight per piece (excluding packing)	10.36 g
Customs tariff number	39269097
Country of origin	DE

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Technical data

Mounting

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

Product properties

Product type	Full screw connection
No. of conductors	1
Manufacturer	WISKA
Manufacturer Designation	ESKV-L 16
Shielded	no
Execution of the strain relief	A
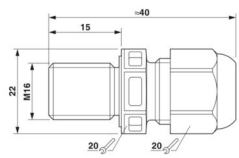
Ex data

Suited for EX-applications	No

Characteristics

Category of shock impact	2
Design, Strain relief	A

Dimensions

Dimensional drawing	
Length	37 mm
Length of the connecting thread	15 mm
Hole diameter	16.1 mm ... 16.2 mm
Wrench size, union nut	20 mm
Wrench size, support	20 mm
Hexagon angular dimension	22 mm
Thread type connection side	M16 x 1.5
Thread pitch	1.5 mm

Connection data

Tightening torque	1.5 Nm (Union nut)
	3.5 Nm (Support sleeve)

Material specifications

Color	light grey (RAL 7035)
Seal material Cable seal	EPDM

Material for screw connection	PA

Cable/line

External cable diameter (Cable 1)	4.5 mm ... 10 mm
External cable diameter ()	6 mm ... 8.6 mm (UL)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP68 (5 bar / 0.5 h)
	IP69
Ambient temperature (operation)	-40 °C ... 100 °C (static)

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Classifications

ECLASS

ECLASS-11.0	27144432
ECLASS-12.0	27140801
ECLASS-13.0	27140801

ETIM

ETIM 9.0	EC000441

UNSPSC

UNSPSC 21.0	39121300

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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values