

G-ESISEC-M12-S68N-NEPDS-S - Cable gland



1415148

<https://www.phoenixcontact.com/us/products/1415148>

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Cable gland, material for screw connection: Brass, nickel-plated, application: Ex, external cable diameter 4 mm ... 7 mm, shielding: yes, connecting thread: M12 x 1.5, color: silver, with O-ring

Your advantages

- Dust protection during storage and transport provided by a dust cap.
- Weatherproof sealing material
- Halogen-free

Commercial data

Item number	1415148
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BF68
Product key	BF7DDX
Catalog page	Page 651 (C-3-2019)
GTIN	4055626037929
Weight per piece (including packing)	28.78 g
Weight per piece (excluding packing)	27.39 g
Customs tariff number	74198090
Country of origin	DE

Technical data

Mounting

Assembly instructions	<p>Mounting the screw connection:</p> <ul style="list-style-type: none"> - Mount cable gland support - Strip outer cable sheath. Expose around 7 mm of the cable shield. - Push the outer cone over the braided shield - Push the inner cone under the shield - Insert both, together with the cable, in the mounted screw connection support - Tighten union nut with the required torque
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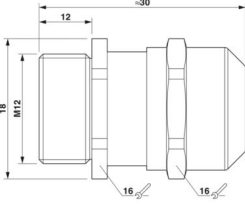
Product properties

Product type	Full screw connection
Application	Ex
No. of conductors	1
Manufacturer	WISKA
Manufacturer Designation	EMSKE-L 12 EMV-Z
Shielded	yes

Ex data

Cable types that can be used	for unarmored cables
Suited for EX-applications	yes

Dimensions

Dimensional drawing	
Length	30 mm
Length of the connecting thread	12 mm
Hole diameter	12.1 mm ... 12.3 mm
Wrench size, union nut	16 mm
Wrench size, support	16 mm
Hexagon angular dimension	18 mm
Thread type connection side	M12 x 1.5
Thread pitch	1.5 mm

Connection data

Tightening torque	4 Nm (Support sleeve)
	4 Nm (Union nut)

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Material specifications

Color	Brass
Material Compression ring	PA
Seal material Cable seal	EPDM
Material for screw connection	Brass, nickel-plated

Cable/line

External cable diameter ()	4 mm ... 7 mm
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
	IP68 (5 bar / 0.5 h)
Ambient temperature (operation)	-40 °C ... 75 °C (static)

Approvals

ATEX	II 2 G/D EEx e II IP68
IECEX	Ex e IIC Gb, Ex tb IIIC Db

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Classifications

ECLASS

ECLASS-11.0	27144432
ECLASS-12.0	27140801
ECLASS-13.0	27140802

ETIM

ETIM 9.0	EC000441
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UNSPSC

UNSPSC 21.0	39121300
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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