G-INS-M12-S68N-NNES-S - Cable gland

1411160

https://www.phoenixcontact.com/us/products/1411160

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Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 3 mm ... 6.5 mm, shielding: no, connecting thread: M12 x 1.5, color: silver-colored, with O-ring

Commercial data

Item number	1411160
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	AF7DAX
GTIN	4046356922968
Weight per piece (including packing)	12.8 g
Weight per piece (excluding packing)	12.91 g
Customs tariff number	74198090
Country of origin	TR

Technical data

Mounting

Assembly note	1) Mount screw connection support in the housing using the correct torque 2) Insert cable 3) Tighten union nut using the correct torque

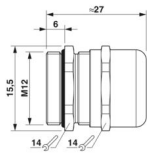
Product properties

Product type	Cable screw gland
Application	Standard
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BMBC-0S
Shielded	no
Execution of the strain relief	A

Characteristics

Category of shock impact	5
Design, Strain relief	A

Dimensions

Dimensional drawing	
Length	27 mm
Length of the connecting thread	6 mm
Hole diameter	12.1 mm ... 12.3 mm
Wrench size, union nut	14 mm
Wrench size, support	14 mm
Hexagon angular dimension	15.5 mm
Thread type connection side	M12 x 1.5
Thread pitch	1.5 mm

Connection data

Tightening torque	5 Nm ±0.5 Nm (Cap nut)
	3 Nm (Support sleeve)

Material specifications

Color	brass color
Material Compression ring	PA 6
Material grommet GRP	Perbunan
	CR

Material for screw connection	Brass, nickel-plated

Cable/line

External cable diameter Cable 1	3 mm ... 6.5 mm
External cable diameter	4 mm ... 6.5 mm (for UL 514 B)
Halogen-free	no

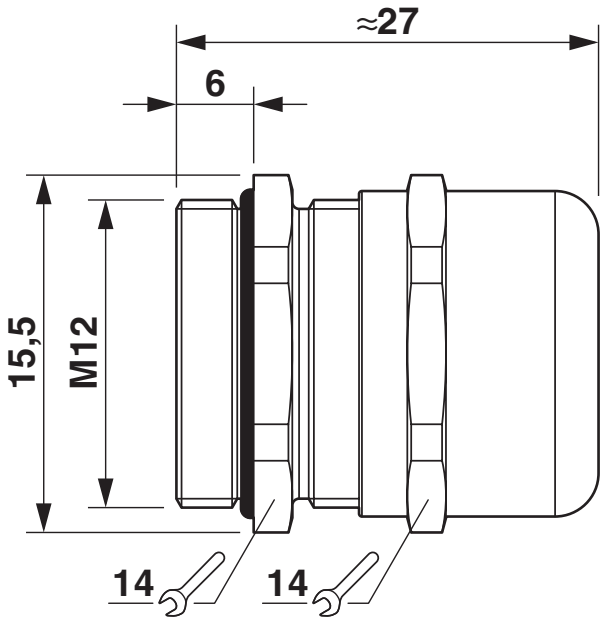
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
	IP68 (5 bar, 30 min.)
	IP69 (DIN EN 60529 / IEC 60529)
Enclosure rating (NEMA)	4X
Ambient temperature (operation)	-40 °C ... 100 °C (static)

Drawings

Dimensional drawing



Dimensional drawing

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1411160

DNV
Approval ID: TAE00003WY

cUL Recognized
Approval ID: E199260

UL Recognized
Approval ID: E199260

Classifications

ECLASS

ECLASS-13.0	27140801
ECLASS-15.0	27140801

ETIM

ETIM 10.0	EC000441

UNSPSC

UNSPSC 21.0	39121300

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	c33cf4bb-5f69-474f-b693-bbb979f5d912

EF3.1 Climate Change

CO2e kg	0.211 kg CO2e

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