G-INS-M50-L68N-NNES-S - Cable gland

1411168

https://www.phoenixcontact.com/us/products/1411168

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Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 27 mm ... 38 mm, shielding: no, connecting thread: M50 x 1.5, color: silver-colored, with O-ring

Commercial data

Item number	1411168
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	AF7DAX
GTIN	4046356923026
Weight per piece (including packing)	290 g
Weight per piece (excluding packing)	290 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

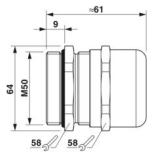
Product properties

Product type	Cable screw gland
Application	Standard
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BMBC-E6
Shielded	no
Execution of the strain relief	A

Characteristics

Category of shock impact	7
Design, Strain relief	A

Dimensions

Dimensional drawing	
Length	61 mm
Length of the connecting thread	9 mm
Hole diameter	50.1 mm ... 50.3 mm
Wrench size, union nut	58 mm
Wrench size, support	58 mm
Hexagon angular dimension	64 mm
Thread type connection side	M50 x 1.5
Thread pitch	1.5 mm

Connection data

Tightening torque	30 Nm ±2 Nm (Cap nut)
	18 Nm (Support sleeve)

Material specifications

Color	brass color
Material Compression ring	PA 6
Seal material	Perbunan
	CR

Material for screw connection	Brass, nickel-plated

Cable/line

External cable diameter Cable 1	27 mm ... 38 mm
External cable diameter	30 mm ... 38 mm (for UL 514 B)
Halogen-free	no

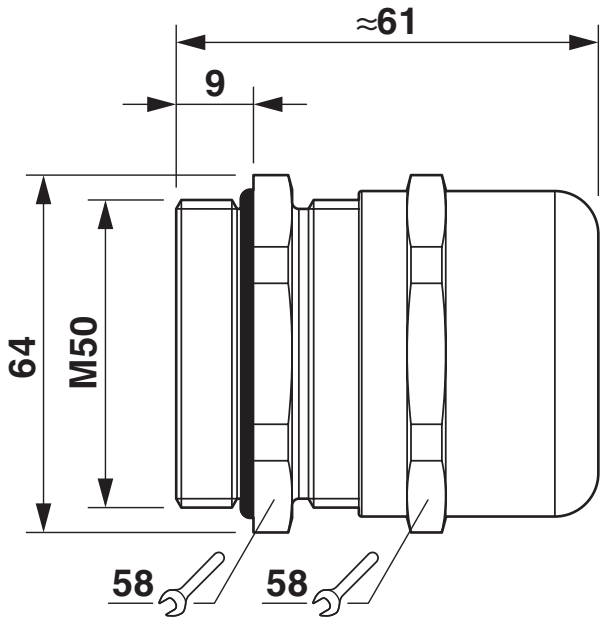
Environmental and real-life conditions

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/1411168

DNV
Approval ID: TAE00003WY

UL Listed
Approval ID: E199260

cUL Listed
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	e1288c98-797a-4d05-8c89-2adf5c558c95

EF3.1 Climate Change

CO2e kg	2.245 kg CO2e

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