

# G-INS-M40-M68N-NNES-S - Cable gland



1411167

<https://www.phoenixcontact.com/us/products/1411167>

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Cable gland, material for screw connection: Brass, nickel-plated, external cable diameter 19 mm ... 28 mm, shielding: no, connecting thread: M40 x 1.5, color: silver, with O-ring

## Commercial data

Item number	1411167
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF68
Product key	BF7DAX
Catalog page	Page 688 (C-2-2019)
GTIN	4046356923019
Weight per piece (including packing)	153.4 g
Weight per piece (excluding packing)	145 g
Customs tariff number	74198090
Country of origin	TR

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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
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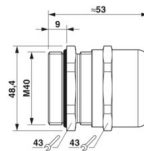
### Product properties

Product type	Full screw connection
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BMBC-E5
Shielded	no
Execution of the strain relief	A

### Characteristics

Category of shock impact	7
Design, Strain relief	A

### Dimensions

Dimensional drawing	
Length	53 mm
Length of the connecting thread	9 mm
Hole diameter	40.1 mm ... 40.3 mm
Wrench size, union nut	43 mm
Wrench size, support	43 mm
Hexagon angular dimension	48.4 mm
Thread type connection side	M40 x 1.5
Thread pitch	1.5 mm

### Connection data

Tightening torque	17 Nm $\pm$ 1 Nm (Cap nut)
	12 Nm (Support sleeve)

### Material specifications

Color	Brass
Material Compression ring	PA 6
Seal material O-ring	Perbunan
Seal material Cable seal	CR
Material for screw connection	Brass, nickel-plated

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## Cable/line

External cable diameter (Cable 1)	19 mm ... 28 mm
External cable diameter ( )	21 mm ... 28 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)

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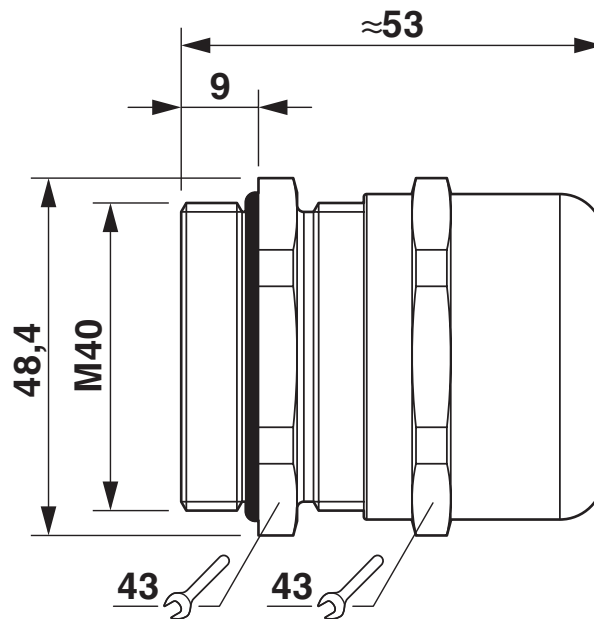
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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411167>




DNV

Approval ID: TAE00003WY



UL Listed

Approval ID: E199260



cUL Listed

Approval ID: E199260

cULus Listed

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## Classifications

### ECLASS

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

### 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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)