

# G-INS-M12-M68N-SNES-S - Cable gland

1424541

<https://www.phoenixcontact.com/us/products/1424541>

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Cable gland, material for screw connection: Stainless steel 1.4305, external cable diameter 3 mm ... 6.5 mm, shielding: no, connecting thread: M12 x 1.5, color: silver, with O-ring

## Commercial data

Item number	1424541
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	BF7DAX
Catalog page	Page 692 (C-2-2019)
GTIN	4055626374468
Weight per piece (including packing)	17.2 g
Weight per piece (excluding packing)	15.5 g
Customs tariff number	73269098
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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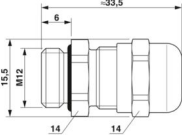
### Product properties

Product type	Full screw connection
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BMSC-0S
Shielded	no
Execution of the strain relief	A

### Characteristics

Category of shock impact	2
Design, Strain relief	A

### Dimensions

Dimensional drawing	
Length	33.5 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	5.5 Nm (Cap nut)
	3 Nm (Support sleeve)
	for UL514 B: union nut

### Material specifications

Color	Steel / stainless steel
Material Compression ring	PA 6
Seal material O-ring	Perbunan
Seal material Cable seal	CR

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Material for screw connection	Stainless steel 1.4305
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## Cable/line

External cable diameter (Cable 1)	3 mm ... 6.5 mm
External cable diameter ()	4 mm ... 6.5 mm (for UL 514 B)

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP68 (5 bar, 30 min.)
	IP66
	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
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### 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

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