

# 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, 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	1424541
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	AF7DAX
GTIN	4055626374468
Weight per piece (including packing)	15.8 g
Weight per piece (excluding packing)	15.8 g
Customs tariff number	73269098
Country of origin	TR

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## 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
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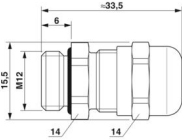
### Product properties

Product type	Cable screw gland
Application	Standard
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 color
Material Compression ring	PA 6
Seal material O-ring	Perbunan

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Seal material Cable seal	CR
Material for screw connection	Stainless steel 1.4305

## 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

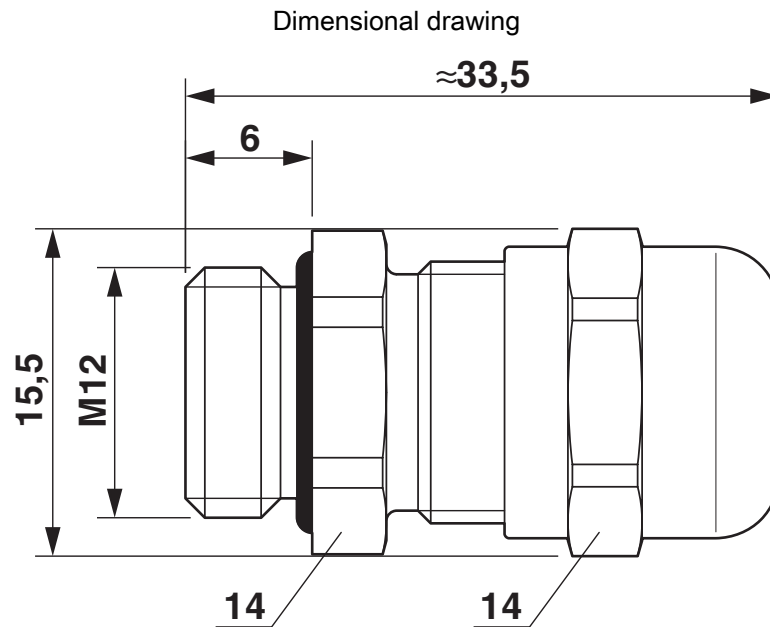
Degree of protection	IP68 (5 bar, 30 min.)
	IP66
	IP69
Ambient temperature (operation)	-40 °C ... 100 °C (static)

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## Drawings



Dimensional drawing

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424541>



**cUL Recognized**

Approval ID: E199260



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## Classifications

### ECLASS

ECLASS-13.0	27140801
ECLASS-15.0	27140801

### ETIM

ETIM 10.0	EC000441
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### UNSPSC

UNSPSC 21.0	39121300
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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