

# G-INESR-M20-S68N-NEPDS-S - Cable gland



1415192

<https://www.phoenixcontact.com/us/products/1415192>

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Cable gland, material for screw connection: Brass, nickel-plated, application: Standard, external cable diameter 6 mm ... 13 mm, shielding: no, connecting thread: M20 x 1.5, color: silver, with external strain relief, with O-ring

## Your advantages

- Weatherproof sealing material
- Halogen-free

## Commercial data

Item number	1415192
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF68
Product key	BF7DEX
Catalog page	Page 698 (C-2-2019)
GTIN	4055626038209
Weight per piece (including packing)	74.42 g
Weight per piece (excluding packing)	71.46 g
Customs tariff number	74198090
Country of origin	DE

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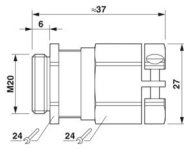
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## Technical data

### Product properties

Product type	Cable screw gland
Application	Standard
No. of conductors	1
Type	with external strain relief
Manufacturer	WISKA
Manufacturer Designation	EMSKVZ 20
Shielded	no
Execution of the strain relief	B

### Dimensions

Dimensional drawing	
Length	37 mm
Length of the connecting thread	6 mm
Length without connecting thread	31 mm
Hole diameter	20.1 mm ... 20.2 mm
Wrench size, union nut	24 mm
Wrench size, support	24 mm
Clamping range of the strain relief clip	6.00 mm ... 13.00 mm
Hexagon angular dimension	27 mm
Thread type connection side	M20 x 1.5
Thread pitch	1.5 mm

### Material specifications

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

### Cable/line

External cable diameter Cable 1	6 mm ... 13 mm
External cable diameter	7.5 mm ... 11.3 mm (for UL 514 B)
Halogen-free	yes

### Characteristics

Category of shock impact	6
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Design, Strain relief	B
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP68 (5 bar / 0.5 h)
	IP69 (DIN EN 60529 / IEC 60529)
Ambient temperature (operation)	-40 °C ... 100 °C (static)

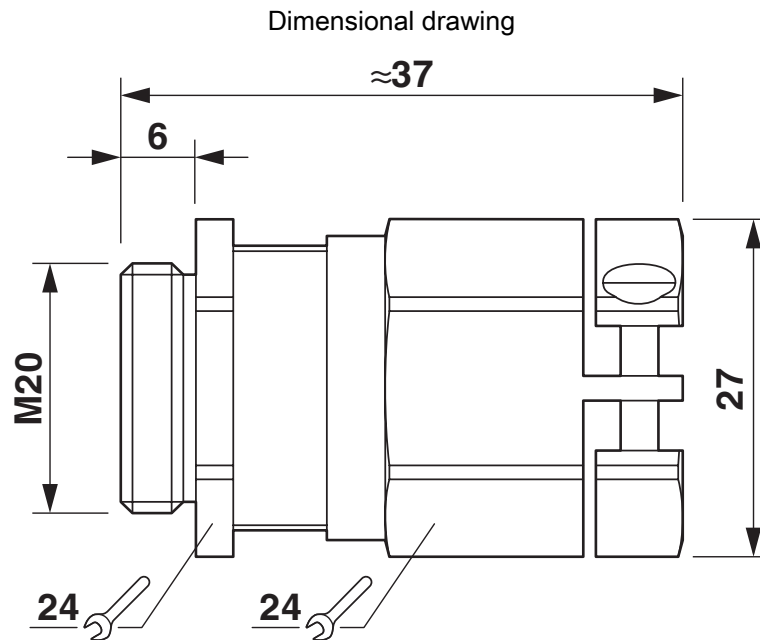
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## Drawings



# G-INESR-M20-S68N-NEPDS-S - Cable gland




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## Approvals


To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1415192>



**cUL Recognized**  
Approval ID: E179850



**UL Recognized**  
Approval ID: E179850



**GOST-R**  
Approval ID: POCC DE.A\*98.H12052

**cULus Recognized**

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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

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	4dc99b49-5103-4bec-b549-fcc77b07643c

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## Accessories

### A-INL-M20-N-S - Counter nut

1411242

<https://www.phoenixcontact.com/us/products/1411242>

Counter nut, for threads M20 x 1.5, color: silver



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