

# G-ESISEC-M32-M68L-NEPDS-S - Cable gland



1415166

<https://www.phoenixcontact.com/us/products/1415166>

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Cable gland, material for screw connection: Brass, nickel-plated, application: Ex, external cable diameter 13 mm ... 21 mm, shielding: yes, connecting thread: M32 x 1.5, color: silver-colored, with O-ring

## Your advantages

- Dust protection during storage and transport provided by a dust cap.
- Weatherproof sealing material
- Halogen-free

## Commercial data

Item number	1415166
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF68
Product key	AF7DDX
GTIN	4055626037967
Weight per piece (including packing)	132.5 g
Weight per piece (excluding packing)	132.5 g
Customs tariff number	74198090
Country of origin	DE

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## Technical data

### Mounting

Assembly note	Mounting the screw connection: <ul style="list-style-type: none"><li>- Mount cable gland support</li><li>- Strip outer cable sheath. Expose around 7 mm of the cable shield.</li><li>- Push the outer cone over the braided shield</li><li>- Push the inner cone under the shield</li><li>- Insert both, together with the cable, in the mounted screw connection support</li><li>- Tighten union nut with the required torque</li></ul>
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### Product properties

Product type	Cable screw gland
Application	Ex
No. of conductors	1
Manufacturer	WISKA
Manufacturer Designation	EMSKE-L 32 EMV-Z
Shielded	yes

### Ex data

Cable types that can be used	for unarmored cables
Suited for EX-applications	yes

### Dimensions

Dimensional drawing	
Length	43 mm
Length of the connecting thread	15 mm
Hole diameter	32.1 mm ... 32.3 mm
Wrench size, union nut	36 mm
Wrench size, support	36 mm
Hexagon angular dimension	40 mm
Thread type connection side	M32 x 1.5
Thread pitch	1.5 mm

### Connection data

Tightening torque	20 Nm (Support sleeve)
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### Material specifications

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

## Cable/line

External cable diameter	13 mm ... 21 mm
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP66
	IP68 (5 bar / 0.5 h)
Ambient temperature (operation)	-40 °C ... 75 °C (static)

## Approvals

ATEX	II 2 G/D EEx e II IP68
IECEX	Ex e IIC Gb, Ex tb IIIC Db

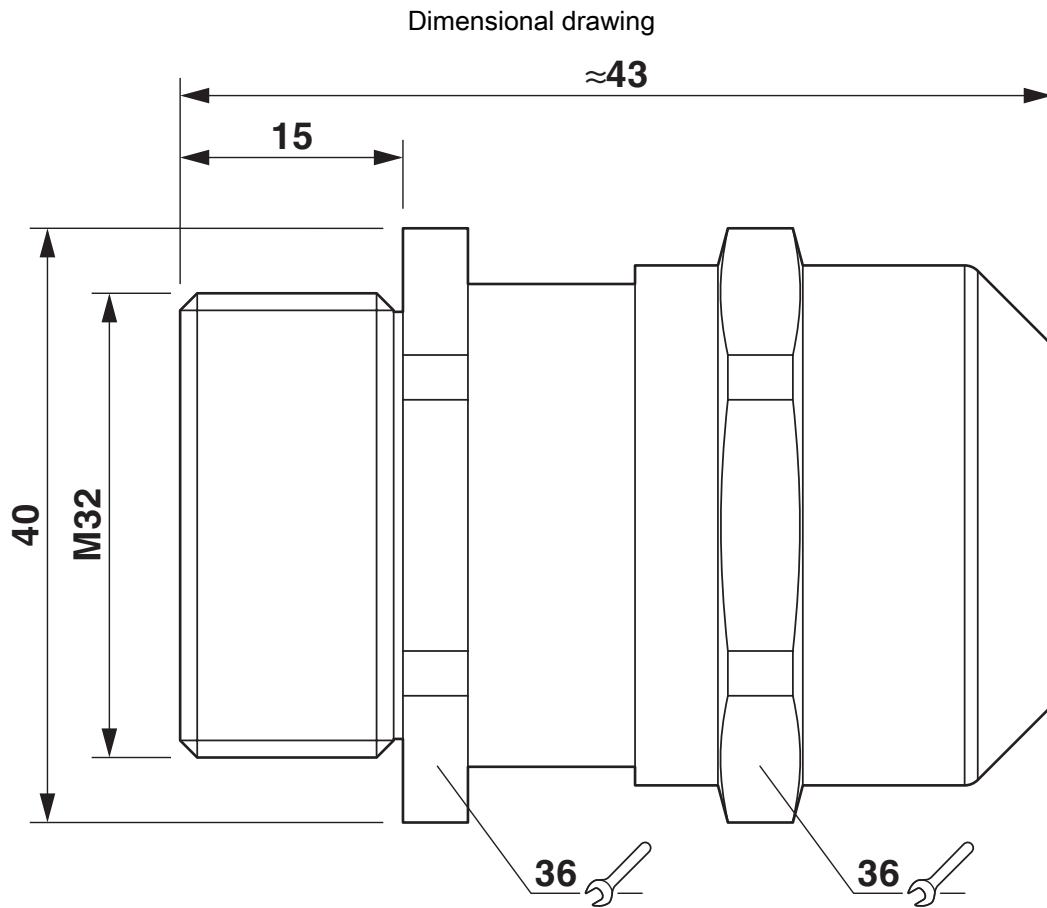
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## Drawings



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1415166>



**cUL Recognized**  
Approval ID: E179850



**UL Recognized**  
Approval ID: E179850



**EAC Ex**  
Approval ID: RU C-DE.HA67.B.00120



**GL**  
Approval ID: 20259-04 HH



**IECEx**  
Approval ID: IECEx PTB 13.0027X



**ATEX**  
Approval ID: PTB 04 ATEX 1112 X

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## Classifications

### ECLASS

ECLASS-13.0	27140802
ECLASS-15.0	27140802

### 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
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	f526954e-d0a4-4abd-952b-02ba4b1d99c5

### EF3.1 Climate Change

CO2e kg	2.011 kg CO2e
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