

# G-ESIS-M12-S68L-PEPDS-BL - Cable gland



1415114

<https://www.phoenixcontact.com/in/products/1415114>

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Cable gland, material for screw connection: PA, application: Ex, external cable diameter 3 mm ... 6 mm, shielding: no, connecting thread: M12 x 1.5, color: black/blue, with flat gasket

## Product description

Cable gland, with flat gasket

## Your advantages

- Glow-wire test: 750°C
- Weatherproof sealing material
- Halogen-free

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1415114             |
| Packing unit                         | 10 pc               |
| Minimum order quantity               | 10 pc               |
| Sales key                            | BF7                 |
| Product key                          | AF7DDX              |
| Catalog page                         | Page 650 (C-3-2019) |
| GTIN                                 | 4055626037769       |
| Weight per piece (including packing) | 8.8 g               |
| Weight per piece (excluding packing) | 8.8 g               |
| Customs tariff number                | 39269097            |
| Country of origin                    | DE                  |

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## Technical data

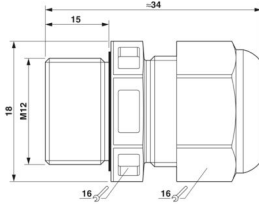
### Product properties

|                          |                   |
|--------------------------|-------------------|
| Product type             | Cable screw gland |
| Application              | Ex                |
| No. of conductors        | 1                 |
| Manufacturer             | WISKA             |
| Manufacturer Designation | ESKE/1-L-i 12     |
| Shielded                 | no                |

### Ex data

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

### Dimensions

|                                 |  |
|---------------------------------|--|
| Dimensional drawing             |  |
| Length                          | 35 mm  |
| Length of the connecting thread | 15 mm  |
| Hole diameter                   | 12.1 mm ... 12.3 mm  |
| Wrench size, union nut          | 16 mm  |
| Wrench size, support            | 16 mm  |
| Hexagon angular dimension       | 18 mm  |
| Thread type connection side     | M12 x 1.5  |
| Thread pitch                    | 1.5 mm   |

### Connection data

|                   |                       |
|-------------------|-----------------------|
| Tightening torque | 2 Nm (Support sleeve) |
|-------------------|-----------------------|

### Material specifications

|  |                                     |
|--|-------------------------------------|
| Material Screw connection                                      | PA (Screw connection, halogen-free) |
| Seal material Cable seal                                       | EPDM                                |
| Glow wire ignition temperature GWIT according to EN 60695-2-13 | 750                                 |
| Material for screw connection                                  | PA                                  |

### Cable/line

|                         |               |
|-------------------------|---------------|
| External cable diameter | 3 mm ... 6 mm |
| Halogen-free            | yes           |

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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 (see prototype test report +15°C ... +65°C at impact energy of 4J)) |

## Approvals

|       |  |
|-------|--|
| ATEX  | II 2 G Ex e IIC Gb, II 2 D Ex tb IIIC Db |
| IECEX | Ex e IIC Gb, Ex tb IIIC Db               |

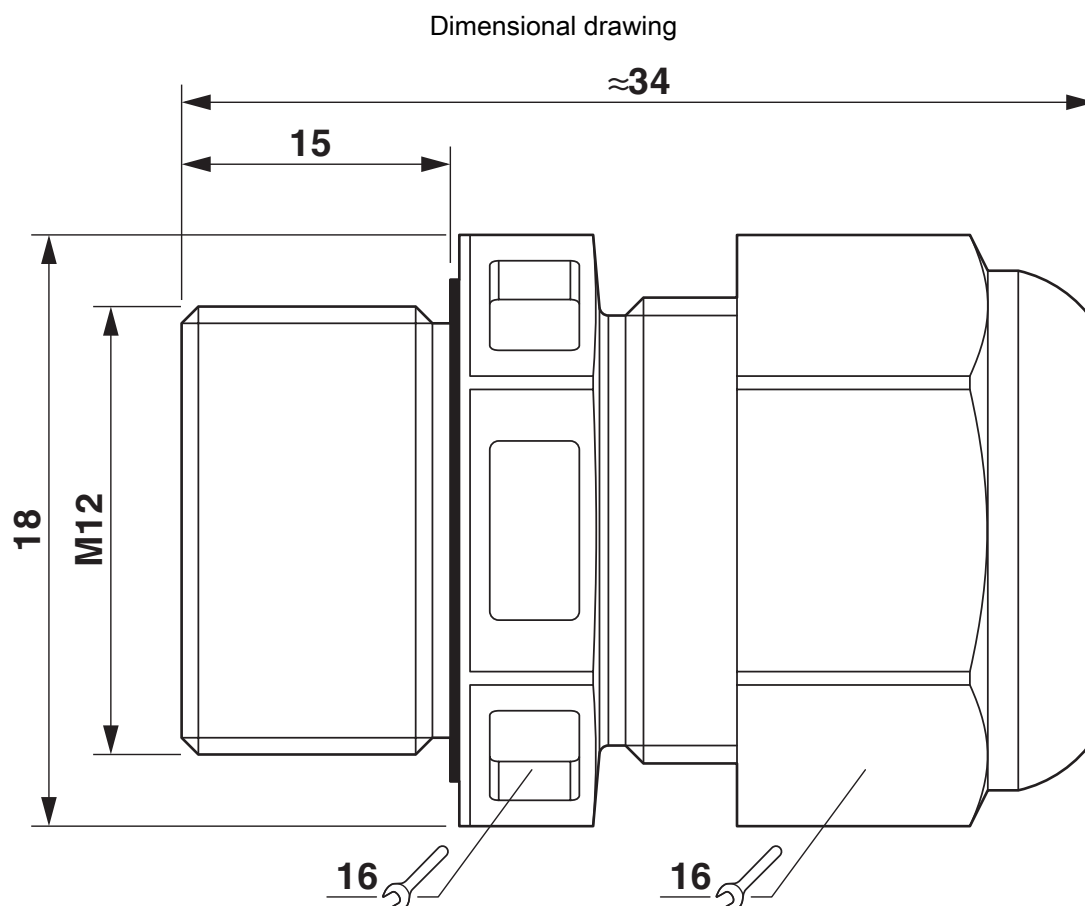
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## Drawings



Dimensional drawing

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/1415114>



**EAC Ex**

Approval ID: RU C-DE.HA67.B.00120



**IECEx**

Approval ID: IECEx PTB 13.0034X



**ATEX**

Approval ID: PTB 13 ATEX 1015 X



**DNV GL-EX**

Approval ID: TAE00002SV

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27144432 |
| ECLASS-12.0 | 27140801 |
| ECLASS-13.0 | 27140802 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC000441 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121300 |
|-------------|----------|

Environmental product compliance

|   |  |
|---|--|
| EU RoHS                                 |  |
| Fulfills EU RoHS substance requirements | Yes, No exemptions                       |
| 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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## Accessories

### A-INL-M12-P-BK - Counter nut

1411213

<https://www.phoenixcontact.com/in/products/1411213>

Counter nut, for threads M12 x 1.5, color: jet black



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