

G-INB-M12-S68N-PEPDS-BK - Cable gland



1415177

<https://www.phoenixcontact.com/us/products/1415177>

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Cable gland, material for screw connection: PA, application: Standard, external cable diameter 3 mm ... 7 mm, shielding: no, connecting thread: M12 x 1.5, color: jet black RAL 9005, with bend protection sleeve

Your advantages

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

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1415177 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BF68 |
| Product key | AF7DEX |
| GTIN | 4055626038087 |
| Weight per piece (including packing) | 10.432 g |
| Weight per piece (excluding packing) | 9.76 g |
| Customs tariff number | 39269097 |
| Country of origin | DE |

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Technical data

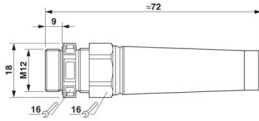
Product properties

| | |
|--------------------------------|-------------------|
| Product type | Cable screw gland |
| Application | Standard |
| No. of conductors | 1 |
| Manufacturer | WISKA |
| Manufacturer Designation | ESKVS 12 |
| Shielded | no |
| Execution of the strain relief | A |

Characteristics

| | |
|--------------------------|---|
| Category of shock impact | 2 |
| Design, Strain relief | A |

Dimensions

| | |
|---------------------------------|--|
| Dimensional drawing |  |
| Length | 72 mm |
| Length of the connecting thread | 9 mm |
| Hole diameter | 12.1 mm ... 12.2 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 (Union nut: EN 62444) |
| | 2 Nm (Support: EN 62444) |

Material specifications

| | |
|--|-------------------------------------|
| Color | black (RAL 9005) |
| Material | PA (Screw connection, halogen-free) |
| Seal material | EPDM |
| Glow wire ignition temperature GWIT according to EN 60695-2-13 | 750 |
| Material for screw connection | PA |

Cable/line

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| | |
|---------------------------------|--------------------------------|
| External cable diameter Cable 1 | 3 mm ... 7 mm |
| External cable diameter | 4.1 mm ... 6 mm (for UL 514 B) |
| Halogen-free | yes |

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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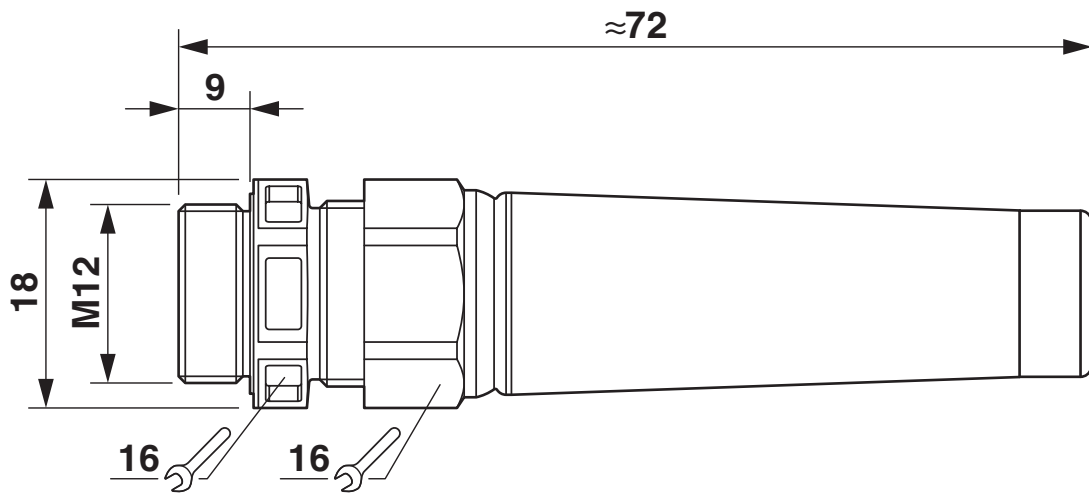


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Drawings

Dimensional drawing



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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1415177>



cUL Recognized
Approval ID: E179850



UL Recognized
Approval ID: E179850



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

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27140801 |
| ECLASS-15.0 | 27140801 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC000441 |
|-----------|----------|

UNSPSC

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

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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% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 0.063 kg CO2e |
|---------|---------------|

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