

G-ESSWU-M20-M66L-NTES-S - Cable gland



1411090

<https://www.phoenixcontact.com/in/products/1411090>

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Cable gland, material for screw connection: Brass, nickel-plated, application: Ex, external cable diameter 12.5 mm ... 20.9 mm, shielding: yes, connecting thread: M20 x 1.5, color: silver

Product description

Cable gland, for armored cables (SWA / AWA / PWA / STA / SWB / ASA / CY / SY)

Your advantages

- If space is restricted at the fixing location of the screw connection, the armor can be attached at a location where there is more room to move. Final assembly can then be easily completed in the restricted space conditions at the fixing location of the screw connection.
- Armor connected via PE cone
- Weatherproof sealing material

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 1411090 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BF7 |
| Product key | AF7DDX |
| Catalog page | Page 653 (C-3-2019) |
| GTIN | 4046356922036 |
| Weight per piece (including packing) | 208.48 g |
| Weight per piece (excluding packing) | 200.56 g |
| Customs tariff number | 74198090 |
| Country of origin | GB |

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Technical data

Mounting

| | |
|---------------|---|
| Assembly note | With integrated grounding cones, sealed to IP66/IP67/IP68 thanks to the use of the A-SEW-20-P-W flat gasket (item 1411283) |
| | If space is restricted at the fixing location of the screw connection, the armor can be attached at a location where there is more room to move. Final assembly can then be easily completed in the restricted space conditions at the fixing location of the screw connection. |

Product properties

| | |
|--------------------------------|----------------------|
| Product type | Cable screw gland |
| Application | Ex |
| No. of conductors | 1 |
| Manufacturer | CMP |
| Manufacturer Designation | 20 C2K N. PLTD GLAND |
| Manufacturer product number | 20C2K1RA5 |
| Shielded | yes |
| Execution of the strain relief | D |

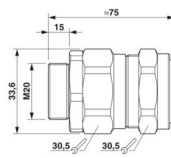
Ex data

| | |
|------------------------------|---|
| Cable types that can be used | Depending on the material of the housing wall (SWA/AWA/PWA/STA/ASA/CY/SY/SWB) |
| Suited for EX-applications | yes |

Characteristics

| | |
|------------------------------|----------------------------------|
| Category of shock impact | 8 |
| Cable diameter without armor | 14 mm (Filler beneath the armor) |
| Design, Strain relief | D |

Dimensions

| | |
|---------------------------------|--|
| Dimensional drawing |  |
| Length | 75 mm |
| Length of the connecting thread | 15 mm |
| Wrench size, union nut | 30.5 mm |
| Wrench size, support | 30.5 mm |
| Hexagon angular dimension | 33.6 mm |
| Thread type connection side | M20 x 1.5 |
| Thread pitch | 1.5 mm |

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| | |
|-----------------|--|
| Armor thickness | 0.8 mm ... 1.25 mm (Stepped cone side (SWA/...)) |
| | 0 mm ... 0.8 mm (Grooved cone side (STA/...)) |

Material specifications

| | |
|-------------------------------|----------------------|
| Color | Brass color |
| Seal material Cable seal | EPDM |
| Material for screw connection | Brass, nickel-plated |

Cable/line

| | |
|-------------------------|---------------------|
| External cable diameter | 12.5 mm ... 20.9 mm |
|-------------------------|---------------------|

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|---|
| Degree of protection | IP66 (using the corresponding A-SEW-...P-W flat gasket) |
| | IP67 (using the corresponding A-SEW-...P-W flat gasket) |
| | IP68 (using the corresponding A-SEW-...P-W flat gasket) |
| Ambient temperature (operation) | -60 °C ... 130 °C (static) |

Approvals

| | |
|-------|--|
| ATEX | Sira 13ATEX1070X |
| | Sira 13ATEX4076X |
| | Ex II 2G, II 1D, Ex e IIC Gb, Ex ta IIIC Da, Ex II 3G Ex nR IIC Gc |
| IECEX | IECEX SIR 13.0025X |
| | Ex e IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da |

Standards and regulations

EN Ex

| | |
|--------------------------|--------------------------|
| Standards/specifications | EN 60079-0, -7, -15, -31 |
|--------------------------|--------------------------|

IEC Ex

| | |
|--------------------------|---------------------------|
| Standards/specifications | IEC 60079-0, -7, -15, -31 |
|--------------------------|---------------------------|

Cable glands

| | |
|--------------------------|----------|
| Standards/specifications | EN 50262 |
|--------------------------|----------|

Cable glands

| | |
|--------------------------|----------------------|
| Standards/specifications | BS 6121: Part 1:1989 |
|--------------------------|----------------------|

Cable glands

| | |
|--------------------------|-----------|
| Standards/specifications | IEC 62444 |
|--------------------------|-----------|

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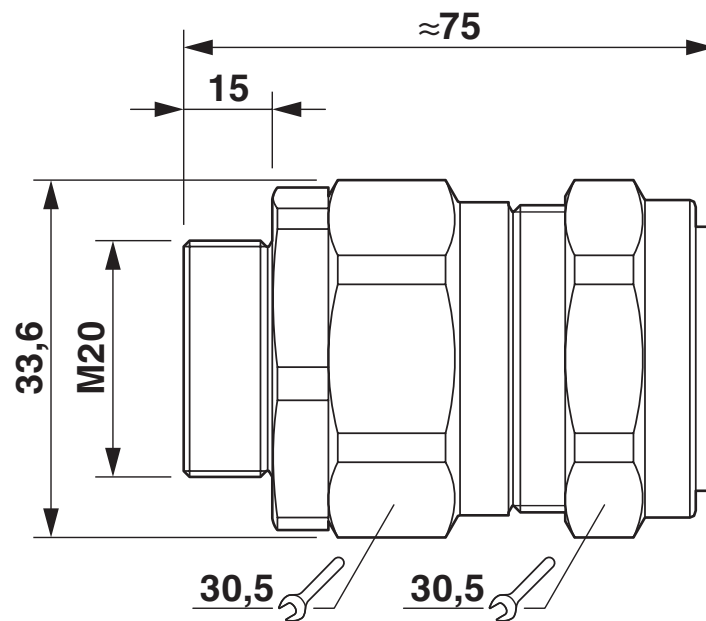
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Drawings

Dimensional drawing



Dimensional drawing

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/1411090>



EAC Ex

Approval ID: RU C-GB.AA87.B.00487



IECEx

Approval ID: IECEx SIR 13.0025X



ATEX

Approval ID: CML 18ATEX1323X



ATEX

Approval ID: CML 18ATEX4315X

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Classifications

ECLASS

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

ETIM

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

UNSPSC

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

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 | f7d028b8-c07d-44b5-a258-e909f813f05f |

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Accessories

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

1411242

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

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



A-SEW-20-P-W - Flat gasket

1411283

<https://www.phoenixcontact.com/in/products/1411283>

Flat gasket, for threads M20, color: white



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