

# HC-B-G-M20-PLRBK - Cable gland

1407669

<https://www.phoenixcontact.com/us/products/1407669>

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EVO plastic cable gland with bayonet locking, for housing series B, size M20, cable diameter: 7 mm ... 13 mm

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1407669       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF57          |
| Product key                          | AF7APL        |
| GTIN                                 | 4046356776370 |
| Weight per piece (including packing) | 34.6 g        |
| Weight per piece (excluding packing) | 32.343 g      |
| Customs tariff number                | 39269097      |
| Country of origin                    | PL            |

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## Technical data

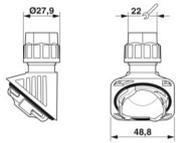
### Mounting

|               |  |
|---------------|--|
| Assembly note | Bayonet locking max. 3x can be removed |
|---------------|--|

### Product properties

|                              |                   |
|------------------------------|-------------------|
| Product type                 | Cable screw gland |
| No. of conductors            | 1                 |
| Type of the screw connection | M20               |
| Shielded                     | no                |

### Dimensions

|                        |   |
|------------------------|---|
| Dimensional drawing    |  |
| Width                  | 48.7 mm   |
| Height                 | 59 mm   |
| Depth                  | 60.5 mm   |
| Wrench size, union nut | 22 mm   |

### Material specifications

|  |                           |
|--|---------------------------|
| Color                                  | black (RAL 9005)          |
| Material Pressure screw                | PA                        |
| Flammability rating according to UL 94 | V0 (Seal)<br>V2 (Housing) |
| Seal material O-ring                   | NBR                       |
| Seal material Cable seal               | NBR                       |
| Material for screw connection          | PA                        |

### Cable/line

|                                 |                |
|---------------------------------|----------------|
| External cable diameter Cable 1 | 7 mm ... 13 mm |
|---------------------------------|----------------|

### Environmental and real-life conditions

#### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Degree of protection            | IP66              |
| Enclosure rating (NEMA)         | 12 (UL 50e)       |
| Ambient temperature (operation) | -40 °C ... 100 °C |

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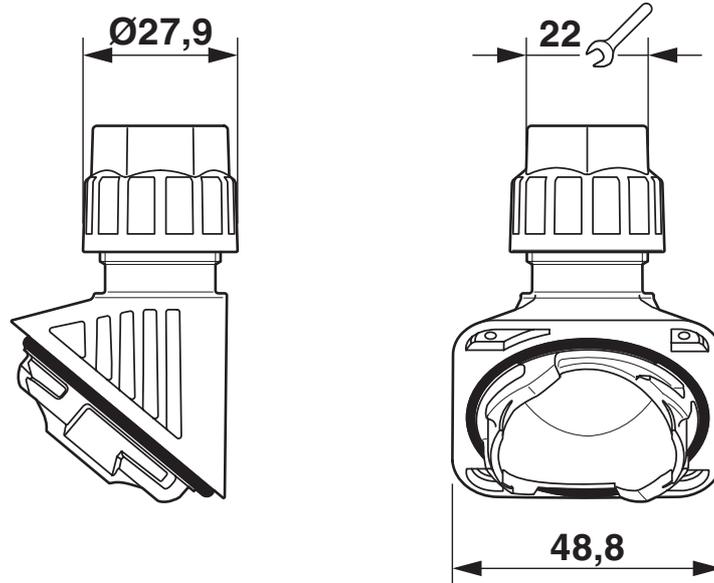
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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1407669>

**DNV**

Approval ID: TAE000037S



**cUL Recognized**

Approval ID: E255026



**UL Recognized**

Approval ID: E255026



**EAC**

Approval ID: RU C-DE.AI30.B.01102



**EAC-RoHS**

Approval ID: RU D-DE.HB35.B.00387

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## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | 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% |
|-------------------------------------|----------------------------|

### EF3.0 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.234 kg CO2e |
|---------|---------------|

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