

# HC-M-KV-T-M32 - Cable gland

1646201

<https://www.phoenixcontact.com/us/products/1646201>



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Metal screw connection with cable bend protection and strain relief, thread length: 8 mm, cable sealing area: 18 - 27 mm, clamping area: 20 - 30 mm, SW 40, screw connection: M32



## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1646201       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF68          |
| Product key                          | AF7DFX        |
| GTIN                                 | 4017918941345 |
| Weight per piece (including packing) | 142 g         |
| Weight per piece (excluding packing) | 142 g         |
| Customs tariff number                | 74198090      |
| Country of origin                    | DE            |

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## Technical data

### Product properties

|                   |                   |
|-------------------|-------------------|
| Product type      | Cable screw gland |
| Application       | Standard          |
| No. of conductors | 1                 |
| Manufacturer      | wafi              |
| Shielded          | no                |

### Dimensions

| Dimensional drawing                      |                       |
|--|-----------------------|
|  |                       |
| Length                                   | 51 mm                 |
| Length of the connecting thread          | 8 mm                  |
| Length without connecting thread         | 43 mm                 |
| Diameter                                 | 32 mm                 |
| Connecting thread diameter               | 32 mm                 |
| Wrench size, union nut                   | 41 mm                 |
| Wrench size, support                     | 40 mm                 |
| Clamping range of the strain relief clip | 20.00 mm ... 30.00 mm |
| Hexagon angular dimension                | 50 mm                 |
| Thread type connection side              | M32 x 1.5             |
| Thread pitch                             | 1.5 mm                |

### Connection data

|                   |                        |
|-------------------|------------------------|
| Tightening torque | 18 Nm (Support sleeve) |
|                   | 12 Nm (Union nut)      |

### Material specifications

|                               |                      |
|-------------------------------|----------------------|
| Seal material O-ring          | NBR                  |
| Seal material Cable seal      | Perbunan             |
| Material for screw connection | Brass, nickel-plated |

### Cable/line

|                                 |                 |
|---------------------------------|-----------------|
| External cable diameter Cable 1 | 18 mm ... 27 mm |
| Halogen-free                    | no              |

### Environmental and real-life conditions

|                      |      |
|----------------------|------|
| Ambient conditions   |      |
| Degree of protection | IP65 |

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Ambient temperature (operation)

-20 °C ... 80 °C (static)

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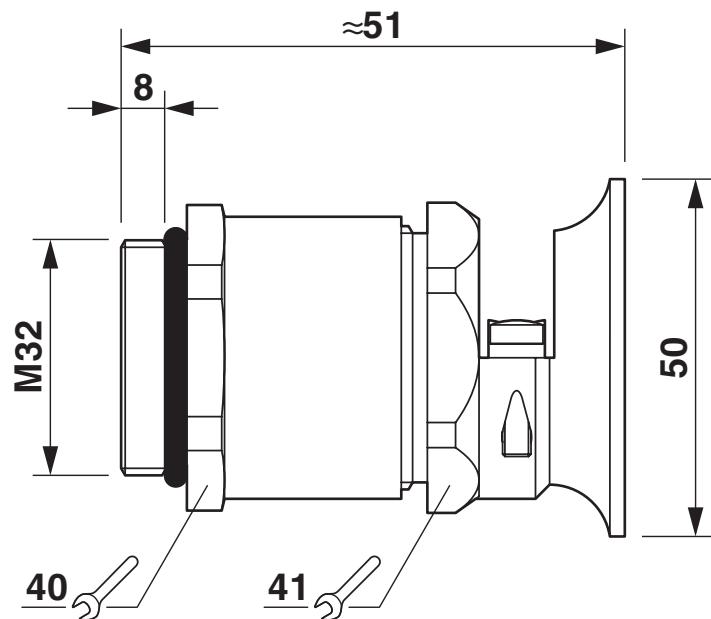
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## Drawings

Dimensional drawing



Dimensional drawing

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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  |
| 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                                | 8f4a36cd-c6bb-4c34-9484-5ca85995e4fe |

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