

HC-M-KV-Z-M32 - Cable gland



1646162

<https://www.phoenixcontact.com/us/products/1646162>

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Metal screw connection with strain relief clamp, thread length: 8 mm, cable sealing area: 18 - 27 mm, clamping area: 19 - 30 mm, SW 40, screw connection: M32



Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1646162 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BF68 |
| Product key | AF7DFX |
| GTIN | 4017918941307 |
| Weight per piece (including packing) | 154.6 g |
| Weight per piece (excluding packing) | 150.35 g |
| Customs tariff number | 74198090 |
| Country of origin | DE |

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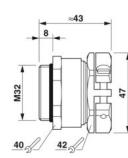
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Technical data

Product properties

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

Dimensions

| | |
|--|--|
| Dimensional drawing |  |
| Length | 43 mm |
| Length of the connecting thread | 8 mm |
| Length without connecting thread | 35 mm |
| Diameter | 32 mm |
| Connecting thread diameter | 32 mm |
| Wrench size, union nut | 42 mm |
| Wrench size, support | 40 mm |
| Clamping range of the strain relief clip | 19.00 mm ... 27.00 mm |
| Hexagon angular dimension | 47 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)

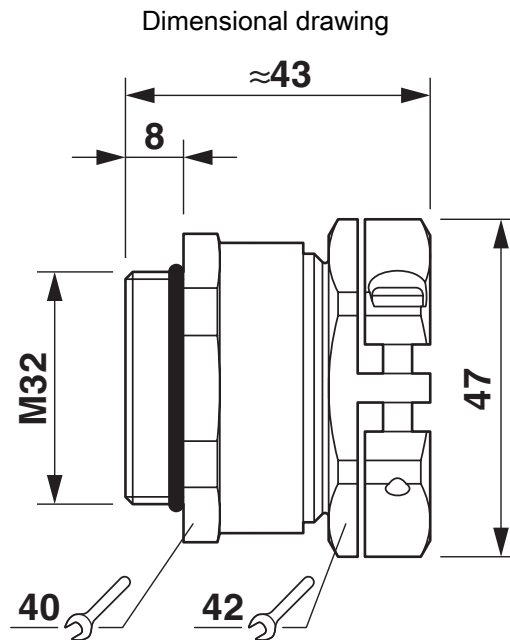
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Drawings



Dimensional drawing

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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 |
| 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 | 0c3fd652-25ee-4cb6-b2a7-bf3e529eb0cb |

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 1.557 kg CO2e |
|---------|---------------|

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