

HC-M-KV-M25(14-21) - Cable gland



1646007

<https://www.phoenixcontact.com/us/products/1646007>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Metal screw connection up to 5 bar, thread length: 7 mm, cable diameter: 14 - 21 mm, WAF 34, screw connection: M25

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1646007 |
| Packing unit | 25 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF68 |
| Product key | AF7DAX |
| GTIN | 4017918941277 |
| Weight per piece (including packing) | 82 g |
| Weight per piece (excluding packing) | 75 g |
| Customs tariff number | 74198090 |
| Country of origin | DE |

HC-M-KV-M25(14-21) - Cable gland

1646007

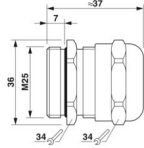
<https://www.phoenixcontact.com/us/products/1646007>

Technical data

Product properties

| | |
|--------------------------|-------------------|
| Product type | Cable screw gland |
| Application | Standard |
| No. of conductors | 1 |
| Manufacturer | Jacob |
| Manufacturer Designation | 50.625/32 M |
| Shielded | no |

Dimensions

| | |
|---------------------------------|---|
| Dimensional drawing |  |
| Length | 37 mm |
| Length of the connecting thread | 7 mm |
| Hole diameter | 25.1 mm ... 25.2 mm |
| Wrench size, union nut | 34 mm |
| Wrench size, support | 34 mm |
| Hexagon angular dimension | 36 mm |
| Thread type connection side | M25 x 1.5 |
| Thread pitch | 1.5 mm |

Connection data

| | |
|-------------------|------------------------|
| Tightening torque | 10 Nm (Union nut) |
| | 10 Nm (Support sleeve) |

Material specifications

| | |
|-------------------------------|----------------------|
| Material Compression ring | PA |
| Seal material O-ring | NBR |
| Seal material Cable seal | CR/NBR |
| Material for screw connection | Brass, nickel-plated |

Cable/line

| | |
|---------------------------------|-----------------|
| External cable diameter Cable 1 | 14 mm ... 21 mm |
| Halogen-free | no |

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|--------------------|
| Degree of protection | IP68 (up to 5 bar) |
| Ambient temperature (operation) | -30 °C ... 100 °C |

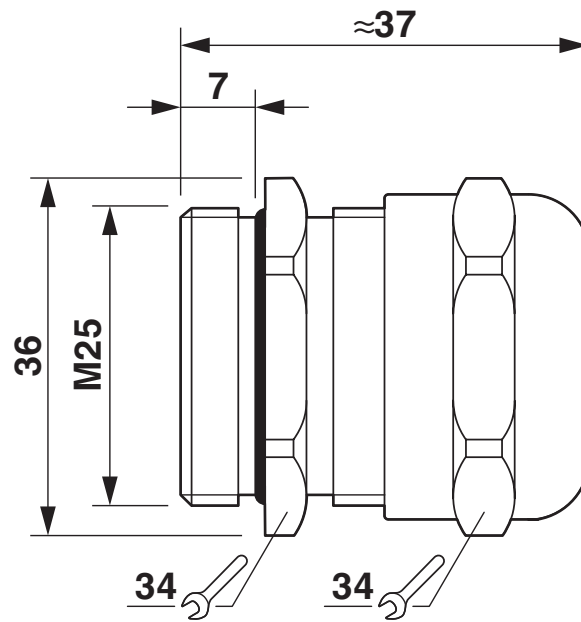
HC-M-KV-M25(14-21) - Cable gland

1646007

<https://www.phoenixcontact.com/us/products/1646007>

Drawings

Dimensional drawing



Dimensional drawing

HC-M-KV-M25(14-21) - Cable gland



1646007

<https://www.phoenixcontact.com/us/products/1646007>

Classifications

ECLASS

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

ETIM

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

UNSPSC

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

HC-M-KV-M25(14-21) - Cable gland



1646007

<https://www.phoenixcontact.com/us/products/1646007>

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 | 0356e93c-6937-45be-b44d-08281791d85b |

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com