

# Cable gland - VC-K-KV-PG21 2X7,2/1X10,5 - 1885567

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Half screw connection Pg21, made of plastic, consisting of rubber seal with several holes (2 x 7.2 mm/ 1 x 10.5 mm) and a pressure screw, for cable screw connection thread VC-M-KV-PG21.....



## Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 5 pc          |
| GTIN         |               |
| GTIN         | 4017918176662 |

## Technical data

### Dimensions

|                         |                             |
|-------------------------|-----------------------------|
| Length                  | 31 mm                       |
| Wrench size, union nut  | 33 mm                       |
| External cable diameter | 6.8 mm ... 7.2 mm (Cable 1) |

### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Degree of protection (IP)       | IP65              |
| Ambient temperature (operation) | -20 °C ... 100 °C |

### General

|                              |                       |
|------------------------------|-----------------------|
| Type of the screw connection | Half screw connection |
| No. of conductors            | 3                     |
| Material, pressure screw     | Polyamide             |
| Seal material                | TPE                   |
| Sealing material             | TPE                   |
| Shielded                     | no                    |
| Thread type on seal side     | Pg21                  |
| Tightening torque, union nut | 7.50 Nm               |

## Standards and Regulations

# Cable gland - VC-K-KV-PG21 2X7,2/1X10,5 - 1885567

## Technical data

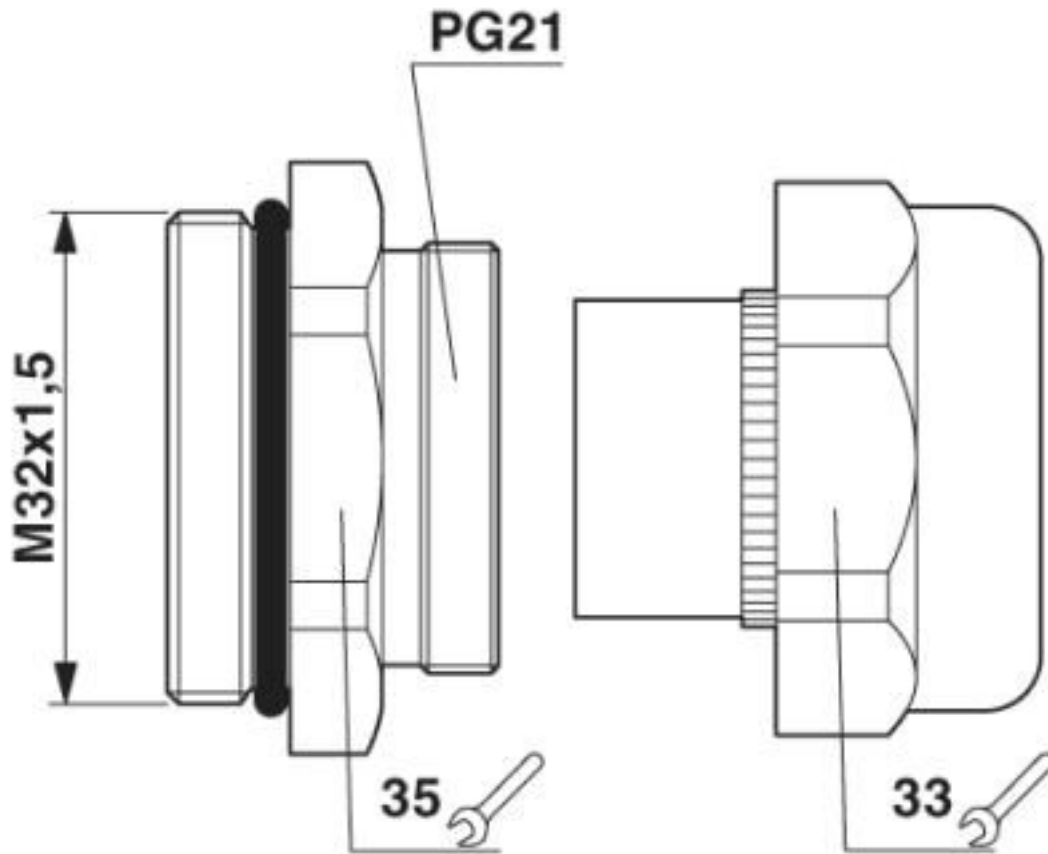
### Standards and Regulations

|             |  |
|-------------|--|
| Safety note | WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.   |
|             | <ul style="list-style-type: none"> <li>• WARNING: Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible.</li> </ul>  |
|             | <ul style="list-style-type: none"> <li>• WARNING: Only electrically qualified personnel may install and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates that only personnel familiar with electrical engineering are allowed to install and operate the product.</li> </ul> |
|             | <ul style="list-style-type: none"> <li>• The products are suitable for applications in plant, controller, and electrical device engineering.</li> </ul>  |
|             | <ul style="list-style-type: none"> <li>• When operating the connectors in outdoor applications, they must be separately protected against environmental influences.</li> </ul>   |
|             | <ul style="list-style-type: none"> <li>• Assembled products may not be manipulated or improperly opened.</li> </ul>  |
|             | <ul style="list-style-type: none"> <li>• Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at phoenixcontact.com/products).</li> </ul>   |
|             | <ul style="list-style-type: none"> <li>• When using the product in direct connection with third-party manufacturers, the user is responsible.</li> </ul>   |
|             | <ul style="list-style-type: none"> <li>• For operating voltages &gt; 50 V AC, conductive connector housings must be grounded</li> </ul>  |
|             | <ul style="list-style-type: none"> <li>• Ensure that the protective or functional ground has been properly connected.</li> </ul>   |
|             | <ul style="list-style-type: none"> <li>• VDE 0100/1.97 § 411.1.3.2 and DIN EN 60 204/11.98 § 14.1.3 are applicable when combining several circuits in a cable and/or connector</li> </ul>  |
|             | <ul style="list-style-type: none"> <li>• Observe the corresponding technical data. You will find information:                             <ul style="list-style-type: none"> <li>o On the product</li> <li>o On the packing label</li> <li>o In the supplied documentation</li> <li>o Online at phoenixcontact.com/products under the product</li> </ul> </li> </ul>   |
|             | <ul style="list-style-type: none"> <li>• Only use tools recommended by Phoenix Contact</li> </ul>  |
|             | <ul style="list-style-type: none"> <li>• The installation notes/Design In documents online on the download page at phoenixcontact.com/products must be observed for this product.</li> </ul>   |
|             | <ul style="list-style-type: none"> <li>• Use a protective cap to protect connectors that are not in use. The suitable accessories are available online in the accessory section of the product at phoenixcontact.com/products</li> </ul>   |
|             | <ul style="list-style-type: none"> <li>• Operate the connector only when it is fully plugged in.</li> </ul>  |
|             | <ul style="list-style-type: none"> <li>• Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.</li> </ul>  |
|             | <ul style="list-style-type: none"> <li>• Observe the minimum bending radius of the cable. Lay the cable without twisting it.</li> </ul>  |

## Drawings

# Cable gland - VC-K-KV-PG21 2X7,2/1X10,5 - 1885567

Dimensional drawing



## Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27144432 |
| eCl@ss 4.0    | 27141200 |
| eCl@ss 4.1    | 27141200 |
| eCl@ss 5.0    | 27149100 |
| eCl@ss 5.1    | 27149100 |
| eCl@ss 6.0    | 27149100 |
| eCl@ss 7.0    | 27149109 |
| eCl@ss 8.0    | 27149109 |
| eCl@ss 9.0    | 27144432 |

ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000441 |
| ETIM 3.0 | EC000441 |
| ETIM 4.0 | EC000441 |
| ETIM 5.0 | EC000441 |
| ETIM 6.0 | EC000441 |

# Cable gland - VC-K-KV-PG21 2X7,2/1X10,5 - 1885567

## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 7.0 | EC000441 |
|----------|----------|

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261502 |
| UNSPSC 7.0901 | 31261502 |
| UNSPSC 11     | 31261502 |
| UNSPSC 12.01  | 31261502 |
| UNSPSC 13.2   | 39121311 |
| UNSPSC 18.0   | 39121311 |
| UNSPSC 19.0   | 39121311 |
| UNSPSC 20.0   | 39121311 |
| UNSPSC 21.0   | 39121311 |

## Approvals

### Approvals

---

Approvals

EAC

---

Ex Approvals

---

### Approval details

|     |  |         |
|-----|--|---------|
| EAC |  | B.01687 |
|-----|--|---------|

## Accessories

### Accessories

#### Half screw connection

Cable gland - VC-K-KV-PG21-O - 1885363



Half screw connection made of plastic with rubber seal without hole or for individual holes

---

---

Phoenix Contact 2020 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Cable Glands, Strain Reliefs & Cord Grips](#) category:*

*Click to view products by [Phoenix Contact](#) manufacturer:*

Other Similar products are found below :

[1218](#) [1300980012](#) [1300980105](#) [DBZM-6828](#) [1498](#) [915](#) [300623](#) [5632NM](#) [1124](#) [1151](#) [561-MP6P4WH](#) [5534M](#) [5525](#) [9000005073](#) [52104486](#)  
[5315817](#) [N16 025 0112 1](#) [N16 020 0112 1](#) [M6106](#) [7422](#) [NG-9516 Gasket](#) [N16 016 0112 1](#) [NG-9514 Gasket](#) [52006151](#) [2704](#) [BM4940L](#)  
[BM4950L](#) [1.097.2012.50](#) [1.152.1300.01](#) [1.152.2000.50](#) [1.152.2100.01](#) [1.152.2500.50](#) [1.152.4000.50](#) [1.209.1218.70](#) [1.209.6400.71](#)  
[1.609.1100.01](#) [1.609.2900.15](#) [1.609.3200.52](#) [1.609.3600.15](#) [1.609.5000.51](#) [1.676.2500.50](#) [52103150](#) [53112705](#) [53112715](#) [53112735](#)  
[53119073](#) [54115405](#) [52004120](#) [52001894](#) [53018160](#)