VC-K-KV-PG16 7/14 - Cable gland

1607664

https://www.phoenixcontact.com/us/products/1607664

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Half screw connection Pg16, made of plastic, consisting of rubber seal with one hole and one pressure screw, for type 1 housings, cable [mm] 7 - 14



Commercial data

| Item number | 1607664 |
|--------------------------------------|--------------------------------|
| Packing unit | 5 pc |
| Minimum order quantity | 5 pc |
| Note | Made to order (non-returnable) |
| Sales key | AB01 |
| Product key | ABLAZA |
| Catalog page | Page 44 (C-2-2013) |
| GTIN | 4017918936976 |
| Weight per piece (including packing) | 10.12 g |
| Weight per piece (excluding packing) | 8.69 g |
| Customs tariff number | 39269097 |
| Country of origin | PL |



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Technical data

Notes

| fety note | |
|-------------|--|
| 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. |
| | 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. |
| | • 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. |
| | The products are suitable for applications in plant, controller, and electrical device engineering. |
| | When operating the connectors in outdoor applications, they must be separately protected against environmental influences. |
| | Assembled products may not be manipulated or improperly opened. |
| | 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). |
| | When using the product in direct connection with third-party manufacturers, the user is responsible. |
| | For operating voltages > 50 V AC, conductive connector housings must be grounded |
| | Ensure that the protective or functional ground has been properly connected. |
| | • 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 |
| | Observe the corresponding technical data. You will find information: o On the product o On the packing label o In the supplied documentation o Online at phoenixcontact.com/products under the product |
| | Only use tools recommended by Phoenix Contact |
| | The installation notes/Design In documents online on the download page at phoenixcontact.com/products must be observed for this product. |
| | 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 |
| | Operate the connector only when it is fully plugged in. |
| | Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the |

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| st | tandards. |
|---------|---|
| | Observe the minimum bending radius of the cable. Lay the able without twisting it. |
| ar w | The connector warms up in normal operation. Depending on the mbient conditions, the surface of the connector can continue to varm up. In this case, the user is responsible for posting varnings (e.g. DIN EN ISO 13732-1:2008-12). |

Product properties

| Product type | Half screw connection |
|------------------------------|-----------------------|
| Product family | VARIOCON |
| No. of conductors | 1 |
| Type of the screw connection | Half screw connection |
| Shielded | no |

Dimensions

| Width | 29.5 mm |
|--------------------------|---------|
| Height | 29.5 mm |
| Length | 24.2 mm |
| Wrench size, union nut | 27 mm |
| Thread type on seal side | Pg16 |

Material specifications

| Color | gray |
|---------------|---------------|
| Material | TPE |
| | Polycarbonate |
| Seal material | TPE |

Cable/line

| External cable diameter (Cable 1) 7 r | mm 14 mm |
|---------------------------------------|----------|
|---------------------------------------|----------|

Mechanical properties

| ſ | Mechanical data | |
|---|------------------------------|-----------------------|
| | Type of the screw connection | Half screw connection |

Environmental and real-life conditions

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



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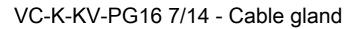
Classifications

ECLASS

| ECLASS-12.0 27140801 | |
|----------------------|--|
| ECLASS-13.0 27140801 | |

ETIM

| | ETIM 9.0 | EC000441 |
|----|-------------|----------|
| UN | NSPSC | |
| | UNSPSC 21.0 | 39121300 |



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Environmental product compliance

| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|------------|---|
| | No hazardous substances above threshold values |

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