

# VC-MP-T4-R - Sleeve housing



1855568

<https://www.phoenixcontact.com/us/products/1855568>

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Sleeve housing, Range of articles: VARIOCON, design: VC4, housing material: Zinc die-cast, color: gray, When using fiber optics, the bending radii of the cable manufacturers must be observed.

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1855568                        |
| Packing unit                         | 5 pc                           |
| Minimum order quantity               | 5 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | AB01                           |
| Product key                          | ABLAAB                         |
| Catalog page                         | Page 369 (PC-2009)             |
| GTIN                                 | 4017918161507                  |
| Weight per piece (including packing) | 392.7 g                        |
| Weight per piece (excluding packing) | 392.7 g                        |
| Customs tariff number                | 85389099                       |
| Country of origin                    | PL                             |

## Technical data

## Notes

|             |  |
|-------------|--|
| General     | When using fiber optics, the bending radii of the cable manufacturers must be observed.  |
| Safety note | <p>WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.</p> <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><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><li>• The products are suitable for applications in plant, controller, and electrical device engineering.</li><li>• When operating the connectors in outdoor applications, they must be separately protected against environmental influences.</li><li>• Assembled products may not be manipulated or improperly opened.</li><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 <a href="https://www.phoenixcontact.com/products">phoenixcontact.com/products</a>).</li><li>• When using the product in direct connection with third-party manufacturers, the user is responsible.</li><li>• For operating voltages &gt; 50 V AC, conductive connector housings must be grounded</li><li>• Ensure that the protective or functional ground has been properly connected.</li><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><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 <a href="https://www.phoenixcontact.com/products">phoenixcontact.com/products</a> under the product</li></ul></li><li>• Only use tools recommended by Phoenix Contact</li><li>• The installation notes/Design In documents online on the download page at <a href="https://www.phoenixcontact.com/products">phoenixcontact.com/products</a> must be observed for this product.</li><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 <a href="https://www.phoenixcontact.com/products">phoenixcontact.com/products</a></li><li>• Operate the connector only when it is fully plugged in.</li></ul> |

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- Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.
- Observe the minimum bending radius of the cable. Lay the cable without twisting it.
- The connector warms up in normal operation. Depending on the ambient conditions, the surface of the connector can continue to warm up. In this case, the user is responsible for posting warnings (e.g. DIN EN ISO 13732-1:2008-12).

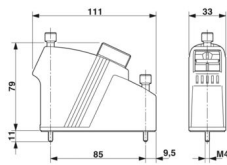
## Product properties

|                              |                 |
|------------------------------|-----------------|
| Product type                 | Sleeve housings |
| Product family               | VARIOCON        |
| Type                         | VC4             |
| No. of cable outlets         | 1               |
| Number of module slots       | 5               |
| Type of the screw connection | 1x Pg21         |
| Shielded                     | no              |
| Cable outlet                 | angled          |

## Connection data

|                   |                |
|-------------------|----------------|
| Tightening torque | 1.2 ... 1.8 Nm |
|-------------------|----------------|

## Dimensions

|                          |  |
|--------------------------|--|
| Dimensional drawing      |  |
| Width                    | 33 mm  |
| Height                   | 75 mm  |
| Length                   | 111 mm   |
| Thread type on seal side | Pg21   |

## Material specifications

|  |                      |
|--|----------------------|
| Color                                  | gray                 |
| Color of the housing part              | gray                 |
| Material                               | Die-cast zinc        |
|  | NBR                  |
| Flammability rating according to UL 94 | V0                   |
| Seal material                          | EPDM                 |
| Housing material                       | Zinc die-cast        |
| O-ring material                        | NBR                  |
| Material of locking screw              | Brass, nickel-plated |

## Mechanical properties

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## Mechanical data

|                              |         |
|------------------------------|---------|
| Type of the screw connection | 1x Pg21 |
| Locking type                 | Screw   |

## Environmental and real-life conditions

### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Degree of protection            | IP67 (IEC 60529)  |
|                                 | IP65/IP66/IP67    |
| Ambient temperature (operation) | -40 °C ... 125 °C |

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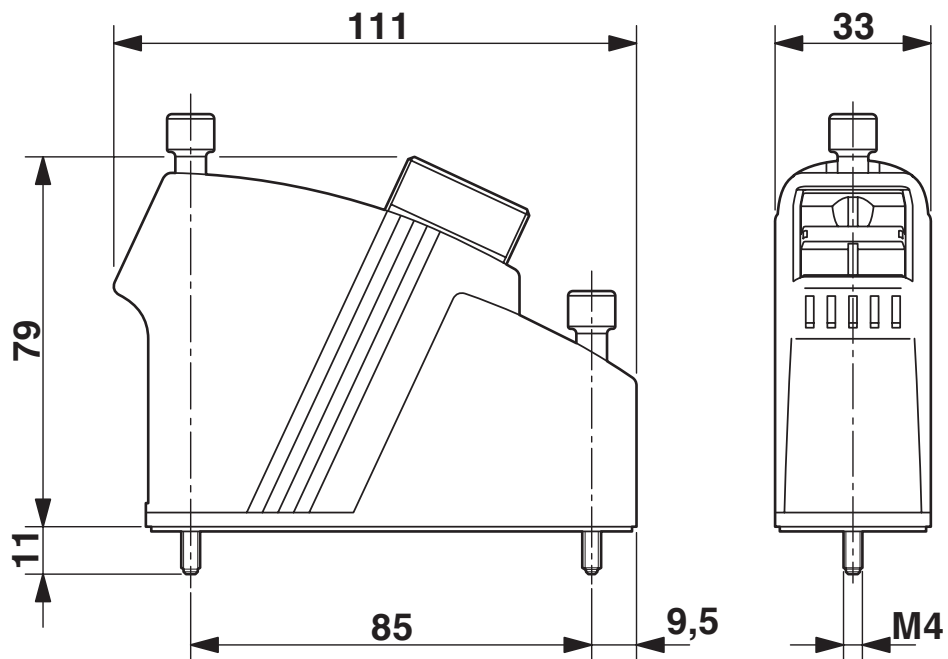
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## Drawings

Dimensional drawing



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27440202 |
| ECLASS-12.0 | 27440202 |
| ECLASS-13.0 | 27440202 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC000437 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

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## Environmental product compliance

|   |  |
|---|--|
| EU RoHS                                 |  |
| Fulfills EU RoHS substance requirements | Yes, No exemptions                       |
| China RoHS                              |  |
| Environment friendly use period (EFUP)  | EFUP-E                                   |
|   | No hazardous substances above the limits |
| EU REACH SVHC                           |  |
| REACH candidate substance (CAS No.)     | No substance above 0.1 wt%               |

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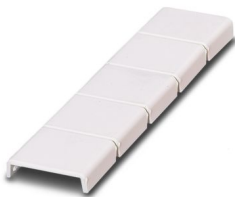


## Accessories

### VC-BZS WH - Marking label

1852875

<https://www.phoenixcontact.com/us/products/1852875>



Marker labels, unprinted, 5-section, for individual labeling with M-PEN or CMS system, white

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### VC-M-KV-PG21( 7-10,5) - Half screw connection

1853997

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Half screw connection Pg21, made of metal, consisting of rubber seal with one hole and one pressure screw, for type 2 - 4 housings, cable [mm] 7 - 10.5



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## VC-M-KV-PG21( 9-13) - Half screw connection

1854006

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Half screw connection Pg21, made of metal, consisting of rubber seal with one hole and one pressure screw, for type 2 - 4 housings, cable [mm] 9 - 13

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## VC-M-KV-PG21(11,5-15,5) - Half screw connection

1854035

<https://www.phoenixcontact.com/us/products/1854035>



Half screw connection Pg21, made of metal, consisting of rubber seal with one hole and one pressure screw, for type 2 - 4 housings, cable [mm] 11.5 - 13.5

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### VC-M-KV-PG21(14-18) - Half screw connection

1854048

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Half screw connection Pg21, made of metal, consisting of rubber seal with one hole and one pressure screw, for type 2 - 4 housings, cable [mm] 14 - 18

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### VC-M-KV-PG21(17-20,5) - Half screw connection

1854051

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Half screw connection Pg21, made of metal, consisting of rubber seal with one hole and one pressure screw, for type 2 - 4 housings, cable [mm] 17 - 20.5

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## VC-M-KV-PG21(20X 7) - Cable gland

1885305

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Single screw connection Pg21, made of metal, consisting of rubber seal with a long hole and pressure screw, for type 2-4 housings, cable [mm] 20 x 7 mm (for flat-ribbon cable)

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## VC-M-KV-PG21 1X6/2X9 - Cable gland

1885619

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Multiple screw connection Pg21, made of metal, consisting of rubber seal with several holes (1 x 6 mm/2 x 9 mm) and a pressure screw, for cable screw connection support VC-M-KV-PG21...

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## VC-M-KV-PG21- 1X8,5/1X12 - Half screw connection

1854970

<https://www.phoenixcontact.com/us/products/1854970>



Half screw connection Pg21, made of metal, consisting of rubber seal with several holes (1 x 8.5 mm/1 x 12 mm) and one pressure screw, for type 2 - 4 housings

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## VC-M-KV-PG21 2X6/2X8 - Cable gland

1885635

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Multiple screw connection Pg21, made of metal, consisting of rubber seal with several holes (2 x 6 mm/2 x 8 mm) and a pressure screw, for cable screw connection support VC-M-KV-PG21...

## VC-MP-T4-R - Sleeve housing

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

1885648

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Multiple screw connection Pg21, made of metal, 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...

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## VC-M-KV-PG21 3X7 - Cable gland

1885651

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Multiple screw connection Pg21, made of metal, consisting of rubber seal with several holes (3 x 7 mm) and a pressure screw, for cable screw connection thread VC-M-KV-PG21...

## VC-MP-T4-R - Sleeve housing

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## VC-M-KV-PG21 3X9 - Cable gland

1885664

<https://www.phoenixcontact.com/us/products/1885664>



Multiple screw connection Pg21, made of metal, consisting of rubber seal with several holes (3 x 8 mm) and a pressure screw, for cable screw connection support VC-M-KV-PG21...

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## VC-M-KV-PG21 4X6,5 - Cable gland

1885677

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Multiple screw connection Pg21, made of metal, consisting of rubber seal with several holes (4 x 6.5 mm) and a pressure screw, for cable screw connection support VC-M-KV-PG21...

## VC-MP-T4-R - Sleeve housing

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## VC-M-KV-PG21 4X8 - Cable gland

1885680

<https://www.phoenixcontact.com/us/products/1885680>



Multiple screw connection Pg21, made of metal, consisting of rubber seal with several holes (4 x 8 mm) and a pressure screw, for cable screw connection support VC-M-KV-PG21...

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## VC-SD4 - Protective cover

1853706

<https://www.phoenixcontact.com/us/products/1853706>



Protective cover, Range of articles: VARIOCON, design: VC4, housing material: PA 6, color: gray

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## VC-SD-T4 - Protective cover

1886757

<https://www.phoenixcontact.com/us/products/1886757>

Protective cover, design: VC4, housing material: PA 6, color: gray



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