

VC-MP-K3 - Housing

1884584

<https://www.phoenixcontact.com/us/products/1884584>



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Housing, Range of articles: VARIOCON, design: VC3, 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	1884584
Packing unit	5 pc
Minimum order quantity	5 pc
Note	Made to order (non-returnable)
Sales key	AB01
Product key	ABLADB
Catalog page	Page 31 (C-2-2013)
GTIN	4017918164614
Weight per piece (including packing)	521.4 g
Weight per piece (excluding packing)	521.4 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.
General	The coupling housings may not be used in combination with the VC-D... contact carriers

Safety 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

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section of the product at [phoenixcontact.com/products](https://www.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 standards.

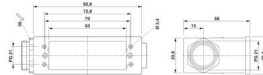
- Observe the minimum bending radius of the cable. Lay the cable without twisting it.

- 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	VC3
No. of cable outlets	1
Number of module slots	4
Type of the screw connection	1x Pg21
Shielded	no
Cable outlet	lateral

Dimensions

Dimensional drawing	
Width	36.4 mm
Height	58 mm
Length	92.6 mm
Thread type on seal side	Pg21

Material specifications

Color	gray
Color of the housing part	gray
Material	Die-cast zinc
Seal material	EPDM
Housing material	Zinc die-cast
O-ring material	NBR

Mechanical properties

Mechanical data

Type of the screw connection	1x Pg21
Locking type	Nut

Environmental and real-life conditions

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Ambient conditions

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

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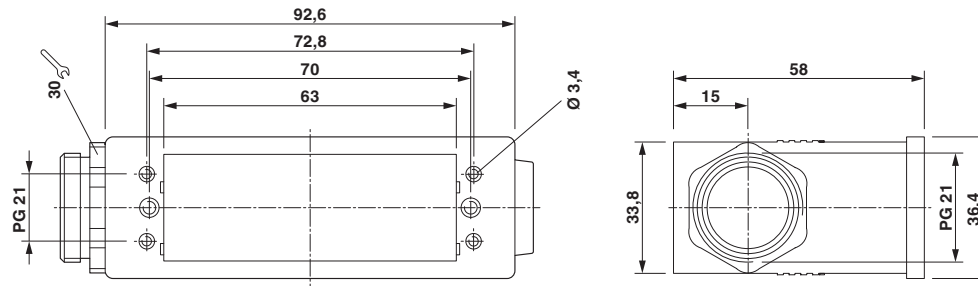
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Drawings

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
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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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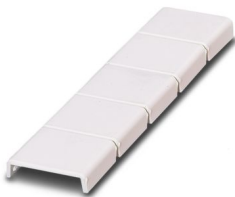


Accessories

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

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

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

1854035

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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] 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

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)

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

1885619

<https://www.phoenixcontact.com/us/products/1885619>



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

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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

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...

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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...

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...

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

1885664

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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...

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...

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

1885680

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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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