VC-MP-T3-R - Sleeve housing

1855555

https://www.phoenixcontact.com/us/products/1855555

PHŒNIX CONTACT

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Sleeve 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	1855555
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	AB01
Product key	ABLAAB
Catalog page	Page 369 (PC-2009)
GTIN	4017918161538
Weight per piece (including packing)	382.9 g
Weight per piece (excluding packing)	375.12 g
Customs tariff number	85389099
Country of origin	PL

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Technical data

Notes

General	When using fiber optics, the bending radii of the cable manufacturers must be observed.

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 section of the product at phoenixcontact.com/products
	• Operate the connector only when it is fully plugged in.

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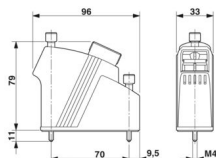|	
	• Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.
	• Observe the minimum bending radius of the cable. Lay the cable without twisting it.
	• The connector warms up in normal operation. Depending on the ambient conditions, 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	VC3
No. of cable outlets	1
Number of module slots	4
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	96 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

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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Drawings

Dimensional drawing
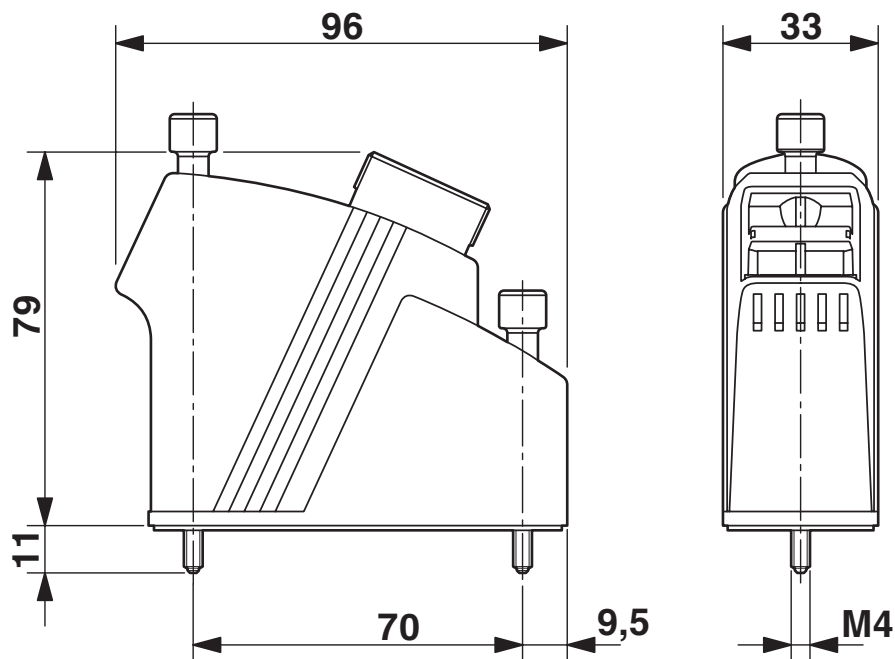
Classifications

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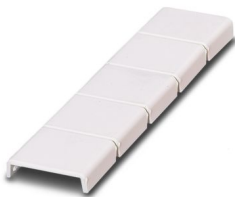
Marker labels, unprinted, 5-section, for individual labeling with M-PEN or CMS system, white

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

https://www.phoenixcontact.com/us/products/1854006

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

https://www.phoenixcontact.com/us/products/1854048

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

https://www.phoenixcontact.com/us/products/1885305

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...

VC-MP-T3-R - Sleeve housing

1855555

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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

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

1885635

https://www.phoenixcontact.com/us/products/1885635

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-T3-R - Sleeve housing

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

1885648

https://www.phoenixcontact.com/us/products/1885648

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

https://www.phoenixcontact.com/us/products/1885651

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

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...

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

1885677

https://www.phoenixcontact.com/us/products/1885677

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-T3-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...

VC-SD3 - Protective cover

1853696

https://www.phoenixcontact.com/us/products/1853696

Protective cover, Range of articles: VARIOCON, design: VC3, housing material: PA 6, color: gray

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VC-SD-T3 - Protective cover

1886744

https://www.phoenixcontact.com/us/products/1886744

Protective cover, design: VC3, housing material: PA 6, color: gray

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