

VC-K-T1-Z - Sleeve housing

1852930

<https://www.phoenixcontact.com/us/products/1852930>

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Sleeve housing, Range of articles: VARIOCON, design: VC1, housing material: Polyamide, color: gray. When using fiber optics, the bending radii of the cable manufacturers must be observed.

Commercial data

Item number	1852930
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	AB01
Product key	ABLAAA
Catalog page	Page 35 (C-2-2013)
GTIN	4017918133917
Weight per piece (including packing)	47.08 g
Weight per piece (excluding packing)	46.24 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 data-bbox="849 645 1449 730">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 data-bbox="849 743 1469 2130" style="list-style-type: none"><li data-bbox="849 743 1469 860">• 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 data-bbox="849 873 1469 1070">• 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 data-bbox="849 1084 1437 1137">• The products are suitable for applications in plant, controller, and electrical device engineering.<li data-bbox="849 1151 1449 1205">• When operating the connectors in outdoor applications, they must be separately protected against environmental influences.<li data-bbox="849 1218 1426 1272">• Assembled products may not be manipulated or improperly opened.<li data-bbox="849 1285 1449 1370">• 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 data-bbox="849 1384 1430 1438">• When using the product in direct connection with third-party manufacturers, the user is responsible.<li data-bbox="849 1451 1398 1505">• For operating voltages > 50 V AC, conductive connector housings must be grounded<li data-bbox="849 1518 1398 1572">• Ensure that the protective or functional ground has been properly connected.<li data-bbox="849 1585 1461 1671">• 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 data-bbox="849 1684 1417 1859">• Observe the corresponding technical data. You will find information:<ul data-bbox="849 1742 1417 1859" style="list-style-type: none"><li data-bbox="849 1742 1011 1774">o On the product<li data-bbox="849 1778 1062 1809">o On the packing label<li data-bbox="849 1814 1155 1845">o In the supplied documentation<li data-bbox="849 1850 1417 1859">o Online at phoenixcontact.com/products under the product<li data-bbox="849 1872 1337 1904">• Only use tools recommended by Phoenix Contact<li data-bbox="849 1917 1404 2002">• The installation notes/Design In documents online on the download page at phoenixcontact.com/products must be observed for this product.<li data-bbox="849 2016 1449 2101">• 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 data-bbox="849 2114 1372 2130">• Operate the connector only when it is fully plugged in.

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	<ul style="list-style-type: none">• Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.
	<ul style="list-style-type: none">• Observe the minimum bending radius of the cable. Lay the cable without twisting it.
	<ul style="list-style-type: none">• 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

Type	VC1
Product type	Sleeve housings
Product family	VARIOCON
No. of cable outlets	1
Type of the screw connection	Pg16
Fixing screws	M4
Shielded	no
Cable outlet	angled

Connection data

Tightening torque	1.2 ... 1.8 Nm
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Dimensions

Dimensional drawing	
Width	33 mm
Height	71 mm
Length	66 mm
Thread type on seal side	Pg16

Material specifications

Color	gray
Color of the housing part	gray
Material	Polyamide
Flammability rating according to UL 94	V0
Seal material	EPDM
	NBR
O-ring material	NBR
Material of locking screw	Stainless steel
Housing material	Polyamide

Mechanical properties

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Mechanical data

Type of the screw connection	Pg16
Locking type	Screw

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67 (DIN IEC 60529)
	IP67
Ambient temperature (operation)	-40 °C ... 80 °C

Mounting

Fixing screws	M4
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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

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