VC-K-KV-PG21(17-20,5) - Cable gland



https://www.phoenixcontact.com/pc/products/1853939

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

Commercial data

Item number	1853939
Packing unit	5 pc
Minimum order quantity	1 pc
Product key	ABLAZA
Catalog page	Page 45 (C-2-2013)
GTIN	4017918145965
Weight per piece (including packing)	11.3 g
Weight per piece (excluding packing)	10.66 g
Customs tariff number	39269097
Country of origin	PL

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Technical data

Notes

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.
	 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 rarm up. In this case, the user is responsible for posting rarnings (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	36.5 mm
Height	36.5 mm
Length	32 mm
Wrench size, union nut	33 mm
Thread type on seal side	Pg21

Material specifications

Color	gray
Material	TPE
	Polycarbonate
Seal material	TPE

Cable/line

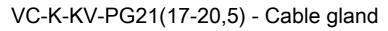
External cable diameter (Cable 1)	17 mm 20.5 mm
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Mechanical properties

Mechanical data		
	Type of the screw connection	Half screw connection

Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP67
Ambient temperature (operation)	-20 °C 100 °C



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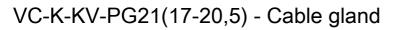
Classifications

ECLASS

ECLASS-11.0	27144432
ECLASS-12.0	27140801
ECLASS-13.0	27140801

ETIM

	ETIM 9.0	EC000441
UN	ISPSC	
	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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