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

1885651

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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...

Commercial data

Item number	1885651
Packing unit	5 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB01
Product key	ABLAZA
GTIN	4017918176754
Weight per piece (including packing)	34.093 g
Weight per piece (excluding packing)	34.093 g
Customs tariff number	74153300
Country of origin	PL

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

	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).

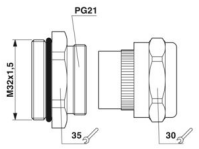
Product properties

Product type	Multiple screw connection
Product family	VARIOCON
No. of conductors	3
Shielded	no

Connection data

External cable diameter	6.5 mm ... 7 mm (Cable 1)

Dimensions

Dimensional drawing	
Width	33.5 mm
Height	33.5 mm
Length	30 mm
Wrench size, union nut	30 mm
Thread type on seal side	Pg21

Material specifications

Material	TPE (Seal)
	Brass (Screw connection)
Seal material	TPE
Cable seal material	TPE

Cable/line

External cable diameter Cable 1	6.5 mm ... 7 mm (Cable 1)

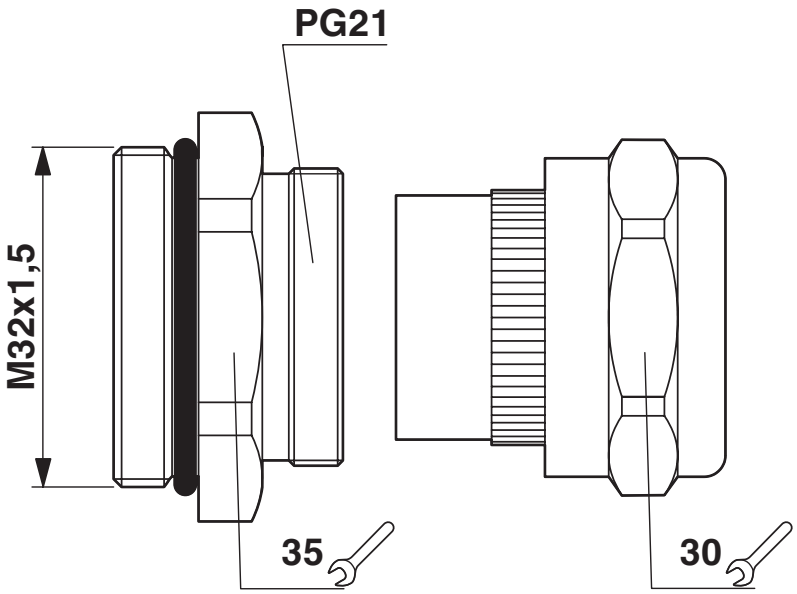
Environmental and real-life conditions

Ambient conditions

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

Drawings

Dimensional drawing



Classifications

ECLASS

ECLASS-13.0	27140801

ETIM

ETIM 9.0	EC000441

UNSPSC

UNSPSC 21.0	39121300

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%

EF3.1 Climate Change

CO2e kg	0.954 kg CO2e

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com