

G-INS-M20-M68N-PNES-LG - Cable gland



1424471

<https://www.phoenixcontact.com/us/products/1424471>

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.



Cable gland, material for screw connection: PA, external cable diameter 10 mm ... 14 mm, shielding: no, connecting thread: M20 x 1.5, color: lightgrey RAL 7035

Your advantages

- Plastic material conforms to UL 746C f1

Commercial data

Item number	1424471
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF68
Product key	BF7DCX
Catalog page	Page 686 (C-2-2019)
GTIN	4055626372617
Weight per piece (including packing)	13.7 g
Weight per piece (excluding packing)	13 g
Customs tariff number	39269097
Country of origin	TR

G-INS-M20-M68N-PNES-LG - Cable gland



1424471

<https://www.phoenixcontact.com/us/products/1424471>

Technical data

Mounting

Assembly instructions	1) Mount screw connection support in the housing using the correct torque 2) Insert cable 3) Tighten union nut using the correct torque
-----------------------	-----------------------------------------------------------------------------------------------------------------------------------------

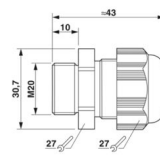
Product properties

Product type	Full screw connection
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BM-13
Shielded	no
Execution of the strain relief	A

Characteristics

Category of shock impact	2
Design, Strain relief	A

Dimensions

Dimensional drawing	
Length	43 mm
Length of the connecting thread	10 mm
Hole diameter	20.1 mm ... 20.2 mm
Wrench size, union nut	27 mm
Wrench size, support	27 mm
Hexagon angular dimension	27.8 mm
Thread type connection side	M20 x 1.5
Thread pitch	1.5 mm

Connection data

Tightening torque	5.5 Nm (Union nut: EN 62444)
	3.5 Nm (Support: EN 62444)
	9 Nm (for UL514 B: union nut)

Material specifications

Color	light grey (RAL 7035)
Flammability rating according to UL 94	V2
Seal material Cable seal	CR
Material for screw connection	PA

G-INS-M20-M68N-PNES-LG - Cable gland



1424471

<https://www.phoenixcontact.com/us/products/1424471>

Cable/line

External cable diameter (Cable 1)	10 mm ... 14 mm
External cable diameter ()	10 mm ... 14 mm (for UL 514 B)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
	IP68 (5 bar / 0.5 h)
Enclosure rating (NEMA)	1
	4
	4X
	12
	13
Ambient temperature (operation)	-40 °C ... 100 °C (static)

G-INS-M20-M68N-PNES-LG - Cable gland



1424471

<https://www.phoenixcontact.com/us/products/1424471>

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC000441
----------	----------

UNSPSC

UNSPSC 21.0	39121300
-------------	----------

G-INS-M20-M68N-PNES-LG - Cable gland



1424471

<https://www.phoenixcontact.com/us/products/1424471>

Environmental product compliance

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

Phoenix Contact 2024 © - 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