



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# Cable gland - G-INS-M20-M68N-PNES-LG - 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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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



## Key Commercial Data

Packing unit	5 STK
Minimum order quantity	5 STK
GTIN	 4 055626 372617
GTIN	4055626372617

## Technical data

### Dimensions

Length	43 mm
Wrench size, union nut	27 mm
Wrench size, support	27 mm
Hexagon angular dimension	27.8 mm
Length of the connecting thread	10 mm
Feed-through hole diameter	20.1 mm ... 20.2 mm
External cable diameter	10 mm ... 14 mm
	10 mm ... 14 mm (for UL 514 B)

### Ambient conditions

Degree of protection	IP68 (5 bar / 0.5 h)
	IP66
Ambient temperature (operation)	-20 °C ... 100 °C (static)

### General

No. of conductors	1
Cable gland material	PA
Cable seal material	Neoprene

# Cable gland - G-INS-M20-M68N-PNES-LG - 1424471

## Technical data

### General

Flammability rating according to UL 94	V2
	V2 (Housing)
Shielded	no
Thread type connection side	M20 x 1.5
Torque	3.5 Nm (Union nut: EN 62444)
	3.5 Nm (Support: EN 62444)
	9 Nm (for UL514 B: union nut)
Color	lightgrey RAL 7035
Impact category	2
Execution of the strain relief	A
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
Manufacturer	BIMED
Manufacturer Designation	BM-13

### Standards and Regulations

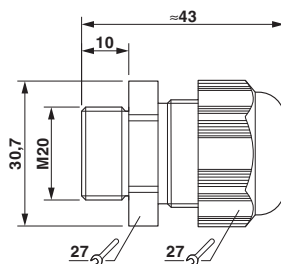
Flammability rating according to UL 94	V2
----------------------------------------	----

### Environmental Product Compliance

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

## Drawings

Dimensional drawing



Dimensional drawing

## Approvals

Approvals

Approvals

UL Listed / cUL Listed / CSA / cULus Listed





# Cable gland - G-INS-M20-M68N-PNES-LG - 1424471

## Approvals

Ex Approvals

---

### Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E199260
cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E199260
CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	115116
cULus Listed			

---

Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>