

G-INB-M20-S68N-PEPDS-LG - Cable gland



1415174

<https://www.phoenixcontact.com/us/products/1415174>

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, application: Standard, external cable diameter 6 mm ... 13 mm, shielding: no, connecting thread: M20 x 1.5, color: lightgray RAL 7035, with bend protection sleeve

Your advantages

- Glow-wire test: 750°C
- Weatherproof sealing material
- Halogen-free

Commercial data

Item number	1415174
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BF68
Product key	AF7DEX
GTIN	4055626038056
Weight per piece (including packing)	24.29 g
Weight per piece (excluding packing)	23.49 g
Customs tariff number	39269097
Country of origin	DE

G-INB-M20-S68N-PEPDS-LG - Cable gland



1415174

<https://www.phoenixcontact.com/us/products/1415174>

Technical data

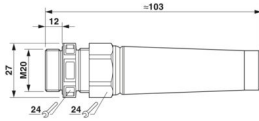
Product properties

Product type	Cable screw gland
Application	Standard
No. of conductors	1
Manufacturer	WISKA
Manufacturer Designation	ESKVS 20
Shielded	no
Execution of the strain relief	A

Characteristics

Category of shock impact	2
Design, Strain relief	A

Dimensions

Dimensional drawing	
Length	103 mm
Length of the connecting thread	12 mm
Hole diameter	20.1 mm ... 20.2 mm
Wrench size, union nut	24 mm
Wrench size, support	24 mm
Hexagon angular dimension	27 mm
Thread type connection side	M20 x 1.5
Thread pitch	1.5 mm

Connection data

Tightening torque	4 Nm (Union nut: EN 62444)
	4 Nm (Support: EN 62444)

Material specifications

Color	light gray (RAL 7035)
Material	PA (Screw connection, halogen-free)
Seal material	EPDM
Glow wire ignition temperature GWIT according to EN 60695-2-13	750
Material for screw connection	PA

Cable/line

G-INB-M20-S68N-PEPDS-LG - Cable gland



1415174

<https://www.phoenixcontact.com/us/products/1415174>

External cable diameter Cable 1	6 mm ... 13 mm
External cable diameter	7.5 mm ... 11.3 mm (for UL 514 B)
Halogen-free	yes

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP68 (5 bar / 0.5 h)
	IP69 (DIN EN 60529 / IEC 60529)
Ambient temperature (operation)	-40 °C ... 100 °C (static)

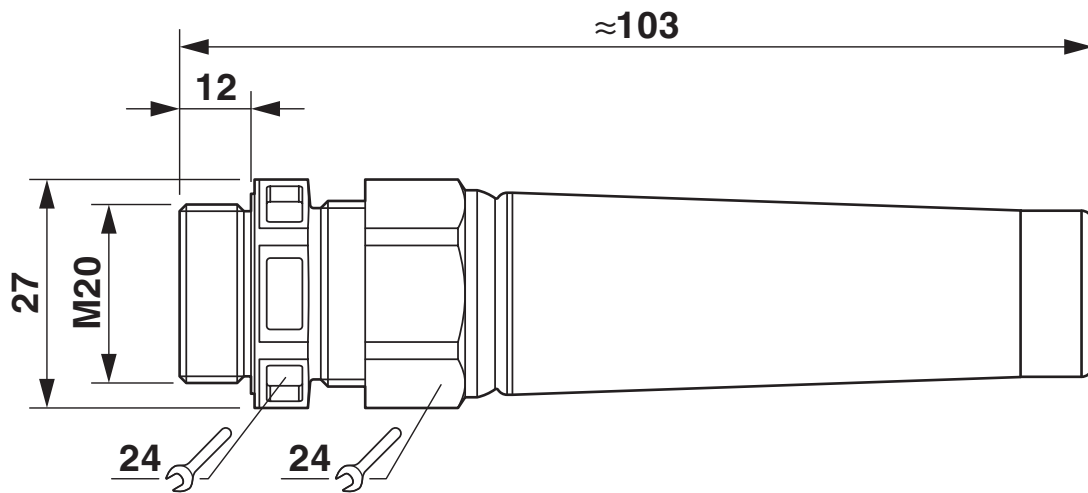
G-INB-M20-S68N-PEPDS-LG - Cable gland

1415174

<https://www.phoenixcontact.com/us/products/1415174>

Drawings

Dimensional drawing



G-INB-M20-S68N-PEPDS-LG - Cable gland



1415174

<https://www.phoenixcontact.com/us/products/1415174>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1415174>



cUL Recognized
Approval ID: E179850



UL Recognized
Approval ID: E179850



GOST-R
Approval ID: POCC DE.A*98.H12052

G-INB-M20-S68N-PEPDS-LG - Cable gland



1415174

<https://www.phoenixcontact.com/us/products/1415174>

Classifications

ECLASS

ECLASS-13.0	27140801
ECLASS-15.0	27140801

ETIM

ETIM 10.0	EC000441
-----------	----------

UNSPSC

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

G-INB-M20-S68N-PEPDS-LG - Cable gland



1415174

<https://www.phoenixcontact.com/us/products/1415174>

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%
-------------------------------------	----------------------------

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