G-INVEN-M20-M67N-NNES-S - Cable gland

1424540

https://www.phoenixcontact.com/us/products/1424540

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: Brass, nickel-plated, application: Standard, external cable diameter 6 mm ... 11 mm, shielding: no, connecting thread: M20 x 1.5, color: silver-colored, with pressure compensation element and O-ring

Product description

Cable gland with integrated pressure compensation element. Prevents low pressure forming in the housing. Membrane: resistant to water and dirt

Your advantages

- Reduces the formation of condensation
- Screw connection with integrated pressure compensation element

Commercial data

Item number	1424540
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	AF7DAX
GTIN	4055626374451
Weight per piece (including packing)	44.6 g
Weight per piece (excluding packing)	41.5 g
Customs tariff number	74198090
Country of origin	TR

Technical data

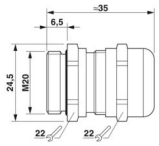
Product properties

Product type	Cable screw gland
Application	Standard
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BMBCVG-02
Air flow rate	40 (l/h at a pressure differential of 70 mbar)
Shielded	no
Execution of the strain relief	A

Characteristics

Category of shock impact	5
Design, Strain relief	A

Dimensions

Dimensional drawing	
Length	35 mm
Length of the connecting thread	8 mm
Hole diameter	20.1 mm ... 20.2 mm
Wrench size, union nut	22 mm
Wrench size, support	22 mm
Thread type connection side	M20 x 1.5
Thread pitch	1.5 mm

Connection data

Tightening torque	7.5 Nm ±0.5 Nm (Cap nut)
	5.5 Nm (Support sleeve)

Material specifications

Color	brass color
Material	PTFE (The material specification refers to the ventilation membrane)
Seal material	NBR (O-ring)
	CR
Material for screw connection	Brass, nickel-plated

Cable/line

External cable diameter Cable 1	6 mm ... 11 mm

External cable diameter	6 mm ... 12 mm (for UL 514 B)
Halogen-free	no

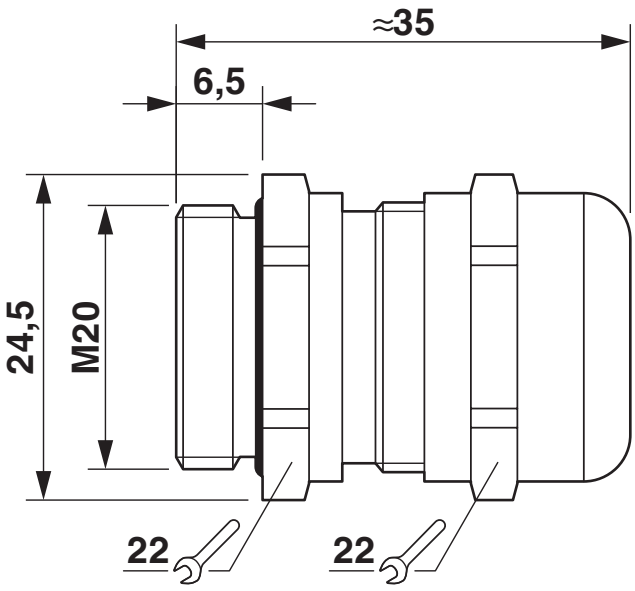
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP66
Ambient temperature (operation)	-20 °C ... 100 °C (static)

Drawings

Dimensional drawing



Dimensional drawing

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1424540

DNV
Approval ID: TAE00003WY

cUL Recognized
Approval ID: E199260

UL Recognized
Approval ID: E199260

Classifications

ECLASS

ECLASS-13.0	27140801
ECLASS-15.0	27140801

ETIM

ETIM 10.0	EC000441

UNSPSC

UNSPSC 21.0	39121300

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	c0d6ff13-6b5b-4da7-a2a9-8317b20f51ef

EF3.1 Climate Change

CO2e kg	1.323 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