G-INVEN-M12-M67N-PNES-BK - Cable gland

1424535

https://www.phoenixcontact.com/us/products/1424535

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Cable gland, material for screw connection: PA, application: Standard, external cable diameter 4 mm ... 7 mm, shielding: no, connecting thread: M12 x 1.5, color: jet black RAL 9005, with pressure compensation element and flat gasket

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
- Plastic material conforms to UL 746C f1

Commercial data

Item number	1424535
Packing unit	5 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	AF7DCX
GTIN	4055626374406
Weight per piece (including packing)	6.6 g
Weight per piece (excluding packing)	6.35 g
Customs tariff number	39269097
Country of origin	TR

Technical data

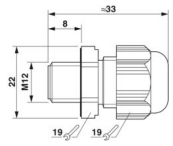
Product properties

Product type	Cable screw gland
Application	Standard
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BMVG-2S
Air flow rate	25 (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	33 mm
Length of the connecting thread	8 mm
Hole diameter	12.1 mm ... 12.2 mm
Wrench size, union nut	19 mm
Wrench size, support	19 mm
Thread type connection side	M12 x 1.5
Thread pitch	1.5 mm

Connection data

Tightening torque	2 Nm ±0.2 Nm (Cap nut)
	1.5 Nm (Support sleeve)

Material specifications

Color	black (RAL 9005)
Material	PTFE (The material specification refers to the ventilation membrane)
Flammability rating according to UL 94	V2
Material grommet GRP	NBR (Flat gasket)
	CR
Material for screw connection	PA

Cable/line

External cable diameter Cable 1	4 mm ... 7 mm
External cable diameter	4 mm ... 8 mm (for UL 514 B)
Halogen-free	no

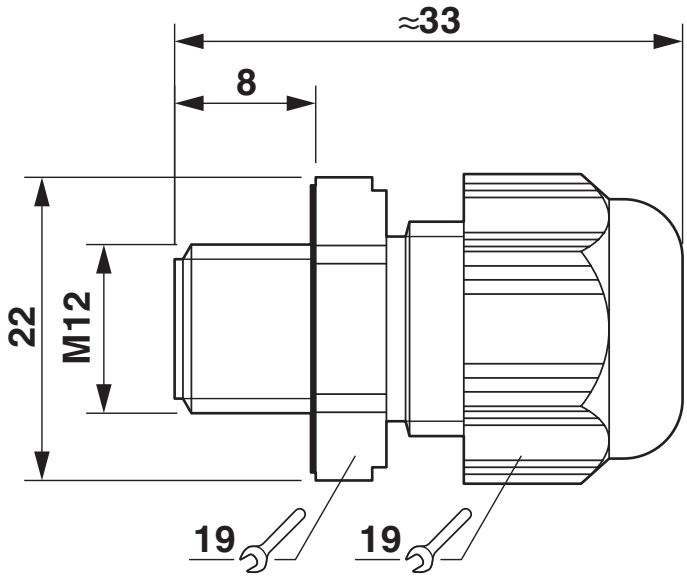
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP66
Enclosure rating (NEMA)	1
	4
	4X
	12
	13
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/1424535

DNV
Approval ID: TAE00003WX

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, 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	0.621 kg CO2e

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