HC-B-G-M20-ER-AL - Cable gland

1411442

https://www.phoenixcontact.com/us/products/1411442

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.



EVO metal cable gland with bayonet locking, B series, size M20, cable diameter: 7 - 13 mm

Commercial data

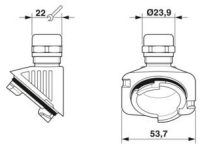
Item number	1411442
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF57
Product key	AF7APM
GTIN	4046356932417
Weight per piece (including packing)	74 g
Weight per piece (excluding packing)	75.3 g
Customs tariff number	85389099
Country of origin	DE

Technical data

Product properties

Product type	Cable screw gland
Application	for greater strain relief
No. of conductors	1
Type of the screw connection	M20
Shielded	no

Dimensions

Dimensional drawing	
Width	54 mm
Height	54.8 mm
Depth	54.8 mm
Wrench size, union nut	22 mm

Material specifications

Color	aluminum color
Material Pressure screw	Brass, nickel-plated
Seal material	NBR (O-ring)
	NBR
Housing material	Die-cast aluminum, corrosion resistant
Material for screw connection	Aluminum

Cable/line

External cable diameter Cable 1	9 mm ... 12 mm

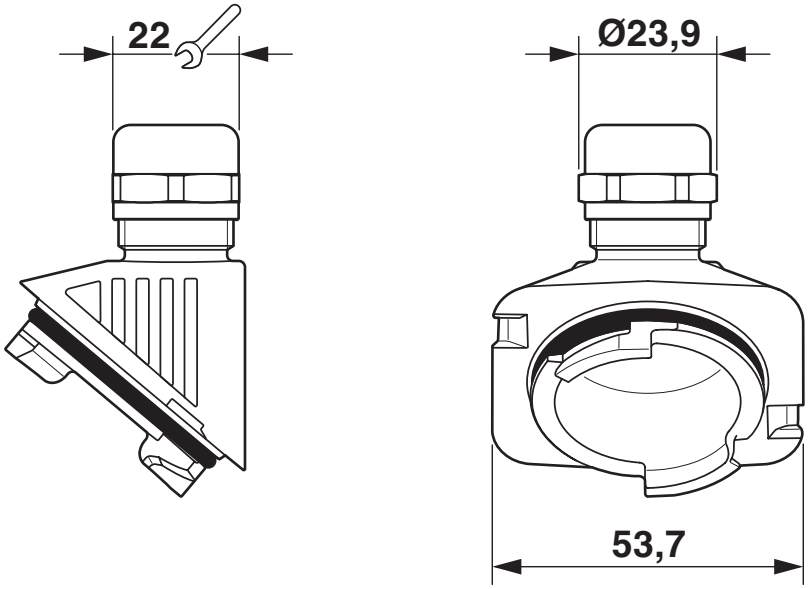
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
	IP67
Enclosure rating (NEMA)	4 (UL 50e)
	4X (UL 50e)
	12 (UL 50e)
Ambient temperature (operation)	-40 °C ... 125 °C (static)

Drawings

Dimensional drawing



Dimensional drawing

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1411442

DNV
Approval ID: TAE000037S

cUL Recognized
Approval ID: E255026

UL Recognized
Approval ID: E255026

EAC
Approval ID: RU C-DE.AI30.B.01102

EAC-RoHS
Approval ID: RU D-DE.HB35.B.00387

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	7c5b99b5-eb4c-4303-9f22-51d94dd28480

EF3.1 Climate Change

CO2e kg	1.528 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