G-INS-M20-M68N-PNES-BK - Cable gland

1424481

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Cable gland, material for screw connection: PA, application: Standard, external cable diameter 10 mm ... 14 mm, shielding: no, connecting thread: M20 x 1.5, color: jet black RAL 9005

Your advantages

- Plastic material conforms to UL 746C f1

Commercial data

Item number	1424481
Packing unit	5 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	AF7DCX
GTIN	4055626373119
Weight per piece (including packing)	13.41 g
Weight per piece (excluding packing)	13 g
Customs tariff number	39269097
Country of origin	TR

Technical data

Mounting

Assembly note	1) Mount screw connection support in the housing using the correct torque 2) Insert cable 3) Tighten union nut using the correct torque

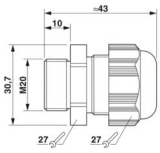
Product properties

Product type	Cable screw gland
Application	Standard
No. of conductors	1
Manufacturer	BIMED
Manufacturer Designation	BM-23
Shielded	no
Execution of the strain relief	A

Characteristics

Category of shock impact	2
Design, Strain relief	A

Dimensions

Dimensional drawing	
Length	42 mm
Length of the connecting thread	10 mm
Hole diameter	20.1 mm ... 20.2 mm
Wrench size, union nut	27 mm
Wrench size, support	27 mm
Hexagon angular dimension	27.8 mm
Thread type connection side	M20 x 1.5
Thread pitch	1.5 mm

Connection data

Tightening torque	5.5 Nm (Cap nut)
	3.5 Nm (Support: EN 62444)
	5.5 Nm (for UL514 B: union nut)

Material specifications

Color	black (RAL 9005)
Flammability rating according to UL 94	V2
Seal material	CR

Material for screw connection	PA

Cable/line

External cable diameter Cable 1	10 mm ... 14 mm
External cable diameter	10 mm ... 14 mm (for UL 514 B)

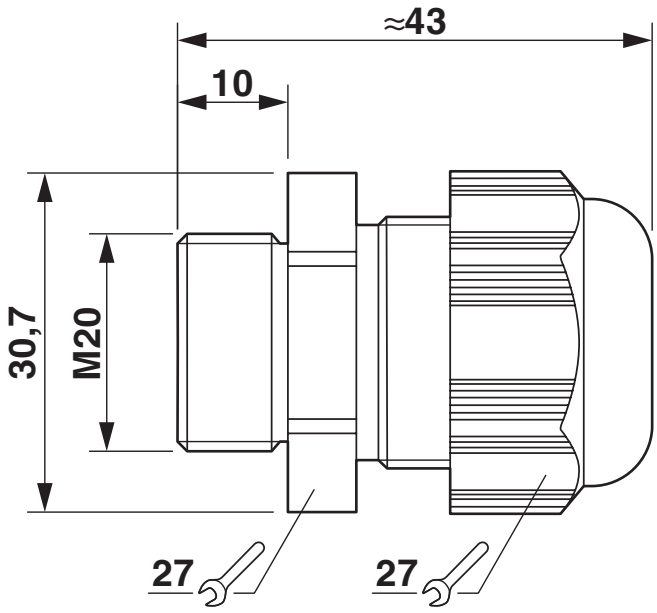
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
	IP68 (5 bar / 0.5 h)
Enclosure rating (NEMA)	1
	4
	4X
	12
	13
Ambient temperature (operation)	-40 °C ... 100 °C (static)

Drawings

Dimensional drawing



Dimensional drawing

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1424481

CSA
Approval ID: 115116

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	0.07 kg CO2e

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