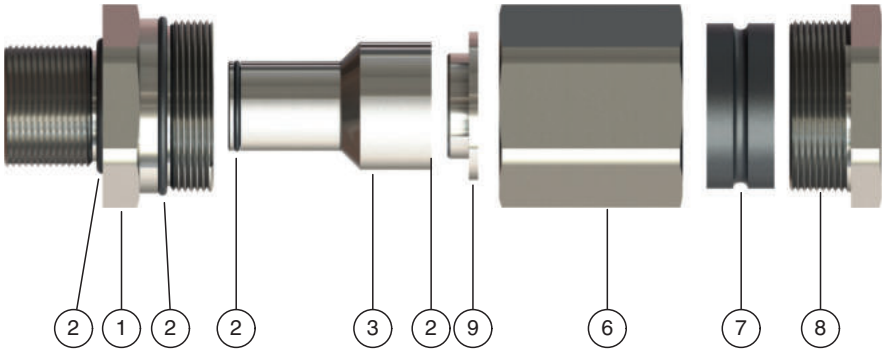
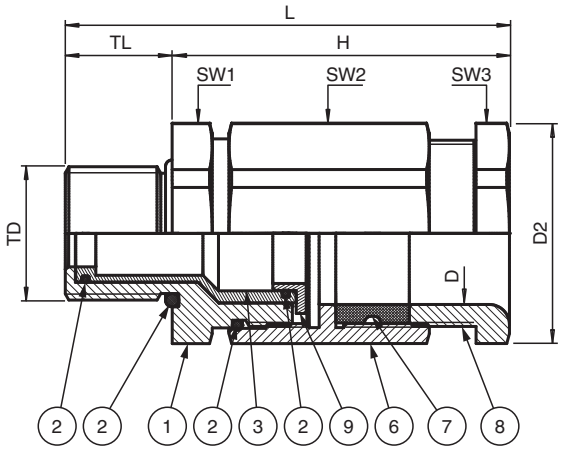
Cable Glands, Metal, Barrier Glands for non-armored Cables

CG.BN.NPT3/4.SS.S.21.K10

- For cables without armor
- Barrier gland
- Stainless Steel
- Thread NPT 3/4"
- Seal silicone
- Ex db, Ex eb and Ex tb certified
- Suitable for operation in Zone 1, Zone 2, Zone 21 and Zone 22
- Packaging unit: 10 pieces, without accessories

Assembly





Release date: 2024-12-18 Date of issue: 2024-12-18 Filename: 70100448_eng.pdf

Assembly

Details see data table

Legend	
1	Gland body basis
2	O-Ring
3	Barrier tube
4	Armor cone (CG.BA.*)
5	Swifel braid ring (CG.BA.*)
6	Gland body
7	Seal insert
8	Pressure nut
9	Barrier pressure ring bushing (CG.BN.*)
D	Clamping range, cable sheath diameter
D2	Width across corners
H	Length outside enclosure
L	Total length
SW*	Width across flats
TD	Thread size
TL	Thread length
	Barrier details in data table
CQ	Max. number of cores
DS	Core cross-section, single-core cable
DM	Total core cross-section, multi-core cable
CC	Max. total core cross-section area

Technical Data

Mechanical specifications		
Cable type		non-armored cables
Clamping range (D)		13.5 ... 21 mm
Thread type		NPT ANSI ASME B1.20.1
Thread size (TD)		NPT 3/4"
Degree of protection		IP66 / IP68
Material		
Finish		inherent color silver
Cable gland		stainless steel
O-Ring		silicone
Seal insert		silicone
Casting compound		
Description		EP 2122 Epoxy Putty Compound must be ordered separately
Part number		70101827
Mass		60 g
Required amount per cable gland		9 g
Packaging units per delivery quantity cable glands		2
Cable glands per packaging unit casting compound		6
Mass		
Individual component		approx. 224 g

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Technical Data

Packing unit		approx. 2.36 kg
Dimensions		
Width across corners (D2)		33 mm
Diameter thru-hole (DT)		26.7 ... 26.9 mm
Number of cores (CQ)		max. 11
Core cross section, single-core cable (DS)		1.5 ... 9.5 mm
Total core cross section, multi-core cables (DM)		1.5 ... 9.5 mm
Total core cross section area (CC)		max. 70.9 mm^2
Length outside enclosure (H)		50.5 mm
Width across flats (SW1)		30 mm
Width across flats (SW2)		30 mm
Width across flats (SW3)		30 mm
Thread length (TL)		21 mm
Total length (L)		71.5 mm
Tightening torque		
Nut torque at enclosure (SW1)		65 Nm
Nut torque 2 (SW2)		65 Nm
Nut torque 3 (SW3)		35 Nm
Ambient conditions		
Ambient temperature		-60 ... 100 °C (-76 ... 212 °F)
Data for application in connection with hazardous areas		
EU-type examination certificate		CESI 18 ATEX 037X
Marking		Ⓔx II 2 GD Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db
International approvals		
IECEx approval		IECEx CES 18.0030X
UKCA approval		CML 22 UKEX 1268X
CCC approval		2021312313000456
Conformity		
Degree of protection		EN 60529
CE marking		0102
General information		
Delivery quantity		10
Scope of delivery		Cable gland pair of gloves Brief instructions (1 copy)
Supplementary information		EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see www.pepperl-fuchs.com.

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