



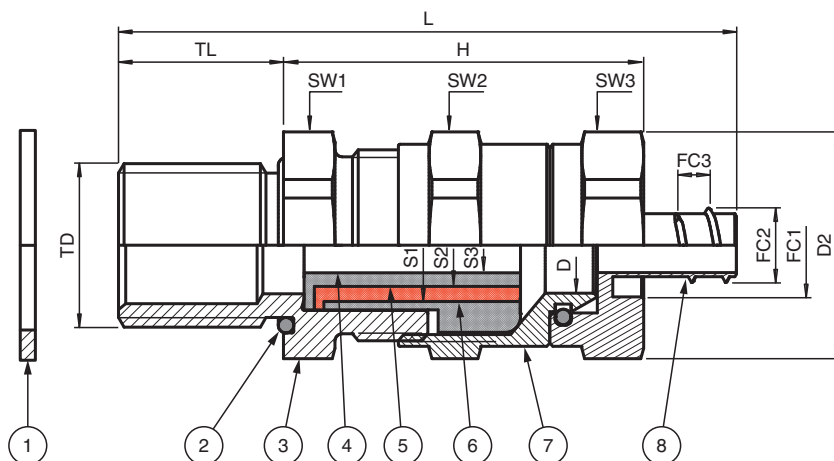
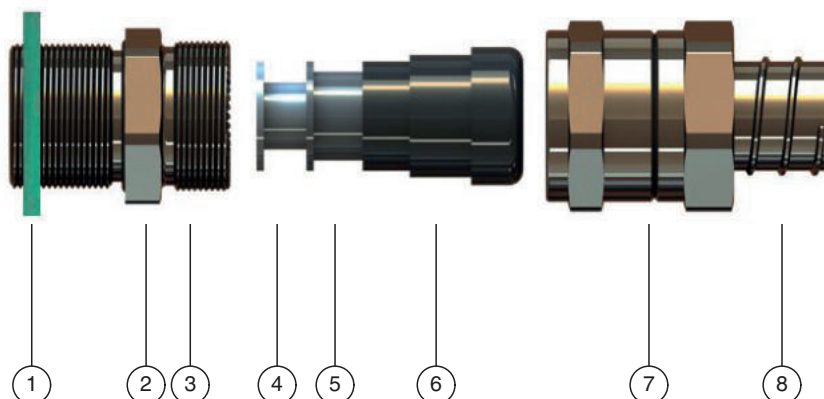
Cable Glands, Metal, for Flexible Conduits

CG.CO.M50.BN.C.18.K01

- For cables without armor
- Connection of flexible metallic conduits
- Brass nickel-plated
- Thread M50
- Seal chloroprene
- Ex db, Ex eb and Ex tb certified
- Suitable for operation in Zone 1, Zone 2, Zone 21 and Zone 22
- Packaging unit: 1 piece, kit with accessories



Dimensions



Release date: 2024-07-16 Date of issue: 2024-07-16 Filename: 291375_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Dimensions

Details see data table

Legend	
1	Washer gasket (accessory)
2	O-Ring
3	Gland body basis
4	Seal insert S3
5	Seal insert S2
6	Seal insert S1
7	Connection body
8	Connection for flexible conduit
D	Clamping range, cable sheath diameter
D2	Width across corners
FC1	Flexible conduit, max. outer diameter
FC2	Flexible conduit, inner diameter
FC3	Flexible conduit, corrugation size
H	Length outside enclosure
L	Total length
S*	Clamping range, seal insert combinations
SW*	Width across flats
TD	Thread size
TL	Thread length

Technical Data

Mechanical specifications

Cable type	non-armored cables in flexible conduit	
Clamping range (D)		26 ... 35 mm
Seal combination S1		31 ... 35 mm
Seal combination S1+S2		28 ... 31 mm
Seal combination S1+S2+S3		26 ... 28 mm
Thread type		metric ISO pitch 1.5 mm
Thread size (TD)		M50
Degree of protection		IP66 / IP68
Material		
Finish		inherent color silver
Cable gland		brass, nickel-plated
Washer gasket		aramid fibers bonded with NBR
O-Ring		chloroprene
Seal insert		chloroprene
Mass		
Individual component		approx. 352 g
Packing unit		approx. 475 g
Dimensions		
Width across corners (D2)		61 mm
Diameter thru-hole (DT)		50 ... 50.3 mm
Flexible conduit, max. outer diameter (FC1)		49.5 mm
Flexible conduit, inner diameter (FC2)		39.2 mm
Flexible conduit, corrugation size (FC3)		6 mm
Length outside enclosure (H)		59.5 mm

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Technical Data

Width across flats (SW1)	55 mm
Width across flats (SW2)	52 mm
Width across flats (SW3)	52 mm
Thread length (TL)	18 mm
Total length (L)	98 mm
Tightening torque	
Nut torque at enclosure (SW1)	18 Nm
Nut torque 2 with seal S1 (SW2)	52 Nm
Nut torque 2 with seals S1+S2 (SW2)	55 Nm
Nut torque 2 with seals S1+S2+S3 (SW2)	57 Nm
Ambient conditions	
Ambient temperature	-40 ... 80 °C (-40 ... 176 °F) washer gasket -40 ... 80 °C (-40 ... 176 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	IMQ 14 ATEX 012X
Marking	⊕ II 2 GD Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db
International approvals	
IECEx approval	IECEx IMQ 14.0004X
UKCA approval	CML 21 UKEX 11380X
INMETRO approval	DNV 20.0029 X
CCC approval	2021312313000344
Conformity	
Degree of protection	EN 60529
General information	
Delivery quantity	1
Scope of delivery	Cable gland washer gasket locknut Earth tag Brief instructions
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 .