



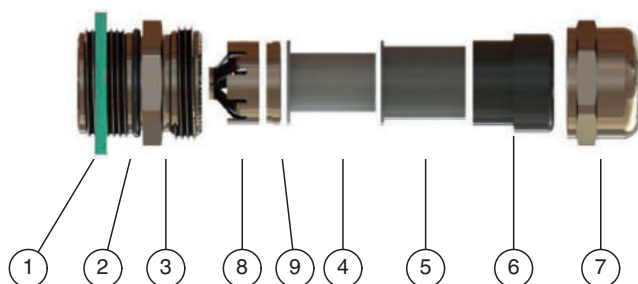
Cable Glands, Metal, for shielded EMC Cables

CG.EM.M50.BN.C.20.K01

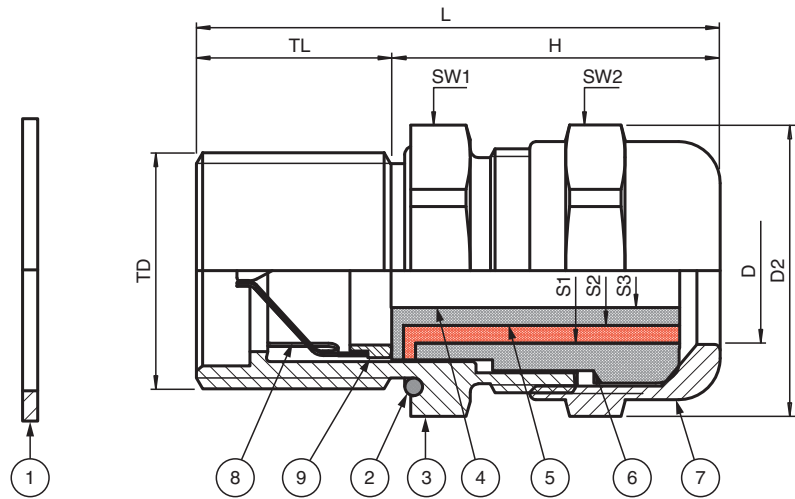
- For shielded EMC cables without armor
- Brass nickel-plated
- Thread M50
- Seal chloroprene
- Ex db, Ex eb and Ex tb certified
- Suitable for operation in Zone 1, Zone 2, Zone 21 and Zone 22
- Suitable for operation in Class I, Zone 1/2/22
- Suitable for operation in Class I, Division 2 when installed in accordance with NEC501.10(B)(2)
- Degree of protection IP66 / IP68, UL Type 4X
- Packaging unit: 1 piece, kit with accessories



Dimensions



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	Cap nut
8	EMC spring insert
9	Pressure ring
D	Clamping range, cable sheath diameter
D2	Width across corners
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 shielded EMC cables	
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

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

Technical Data

Thread type		metric ISO pitch 1.5 mm
Thread size (TD)		M50
Degree of protection		IP66 / IP68 , UL Type 4X
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. 332 g
Packing unit		approx. 498 g
Dimensions		
Width across corners (D2)		61 mm
Diameter thru-hole (DT)		50 ... 50.3 mm
Length outside enclosure (H)		48.5 mm
Width across flats (SW1)		55 mm
Width across flats (SW2)		50 mm
Thread length (TL)		20 mm
Total length (L)		68.5 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		Ex II 2 GD Ex db IIC Gb Ex eb IIC Gb Ex tb IIC Db
International approvals		
UL approval		
cULus		E490962 tested to UL 2225 CSA 60079-7 , CSA 60079-31
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 .
Accessories		
Sealing plugs		BP.NA.M40-M50S.PA