



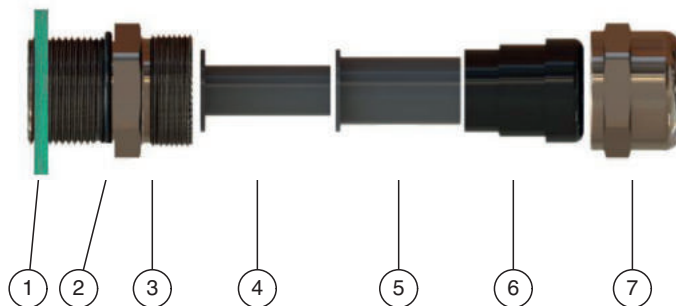
## Cable Glands, Metal, for non-armored Cables

CG.NA.NPT1/2.SS.C.16.K50

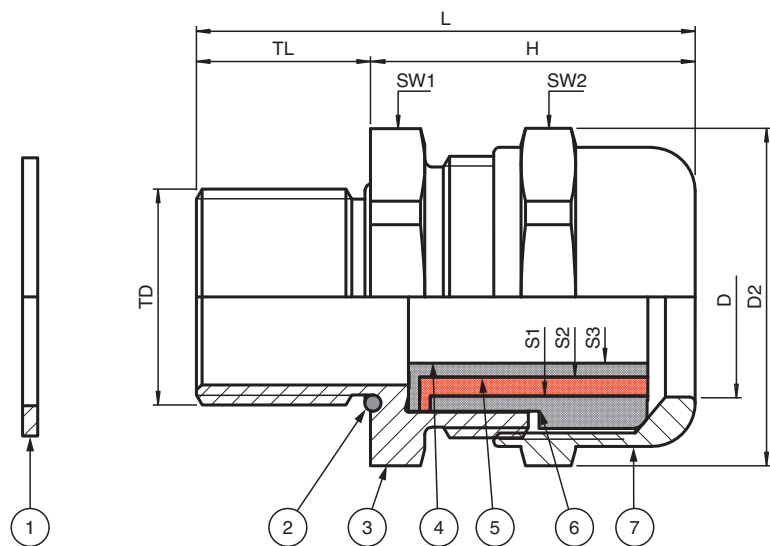
- For cables without armor
- Stainless Steel
- Thread NPT 1/2"
- Seal chloroprene
- Ex db, Ex eb and Ex tb certified
- Suitable for operation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66 / IP68
- Packaging unit: 50 pieces, without accessories



### 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                                  |
|        |                                          |
| D      | Clamping range, cable sheath diameter    |
| D2     | Width across corners                     |
| H      | Length outside enclosure                 |
| L      | Total lenght                             |
| S*     | Clamping range, seal insert combinations |
| SW*    | Width across flats                       |
| TD     | Thread size                              |
| TL     | Thread length                            |

Technical Data

Mechanical specifications

## Technical Data

|                                                                |                    |                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cable type                                                     | non-armored cables |                                                                                                                                                                                                                                                              |
| Clamping range (D)                                             |                    | 10 ... 16 mm                                                                                                                                                                                                                                                 |
| Seal combination S1                                            |                    | 14.5 ... 16 mm                                                                                                                                                                                                                                               |
| Seal combination S1+S2                                         |                    | 12 ... 14.5 mm                                                                                                                                                                                                                                               |
| Seal combination S1+S2+S3                                      |                    | 10 ... 12 mm                                                                                                                                                                                                                                                 |
| Thread type                                                    |                    | NPT ANSI ASME B1.20.1                                                                                                                                                                                                                                        |
| Thread size (TD)                                               |                    | NPT 1/2"                                                                                                                                                                                                                                                     |
| Degree of protection                                           |                    | IP66 / IP68                                                                                                                                                                                                                                                  |
| Material                                                       |                    |                                                                                                                                                                                                                                                              |
| Finish                                                         |                    | inherent color silver                                                                                                                                                                                                                                        |
| Cable gland                                                    |                    | stainless steel                                                                                                                                                                                                                                              |
| Washer gasket                                                  |                    | aramid fibers bonded with NBR                                                                                                                                                                                                                                |
| O-Ring                                                         |                    | chloroprene                                                                                                                                                                                                                                                  |
| Seal insert                                                    |                    | chloroprene                                                                                                                                                                                                                                                  |
| Mass                                                           |                    |                                                                                                                                                                                                                                                              |
| Individual component                                           |                    | approx. 78 g                                                                                                                                                                                                                                                 |
| Packing unit                                                   |                    | approx. 4.29 kg                                                                                                                                                                                                                                              |
| Dimensions                                                     |                    |                                                                                                                                                                                                                                                              |
| Width across corners (D2)                                      |                    | 31 mm                                                                                                                                                                                                                                                        |
| Diameter thru-hole (DT)                                        |                    | 21.4 ... 21.6 mm                                                                                                                                                                                                                                             |
| Length outside enclosure (H)                                   |                    | 32 mm                                                                                                                                                                                                                                                        |
| Width across flats (SW1)                                       |                    | 28 mm                                                                                                                                                                                                                                                        |
| Width across flats (SW2)                                       |                    | 28 mm                                                                                                                                                                                                                                                        |
| Thread length (TL)                                             |                    | 16 mm                                                                                                                                                                                                                                                        |
| Total length (L)                                               |                    | 48 mm                                                                                                                                                                                                                                                        |
| Tightening torque                                              |                    |                                                                                                                                                                                                                                                              |
| Nut torque at enclosure (SW1)                                  |                    | 8 Nm                                                                                                                                                                                                                                                         |
| Nut torque 2 with seal S1 (SW2)                                |                    | 18 Nm                                                                                                                                                                                                                                                        |
| Nut torque 2 with seals S1+S2 (SW2)                            |                    | 22 Nm                                                                                                                                                                                                                                                        |
| Nut torque 2 with seals S1+S2+S3 (SW2)                         |                    | 24 Nm                                                                                                                                                                                                                                                        |
| <b>Ambient conditions</b>                                      |                    |                                                                                                                                                                                                                                                              |
| Ambient temperature                                            |                    | -40 ... 80 °C (-40 ... 176 °F) washer gasket -40 ... 80 °C (-40 ... 176 °F)                                                                                                                                                                                  |
| <b>Data for application in connection with hazardous areas</b> |                    |                                                                                                                                                                                                                                                              |
| EU-type examination certificate                                |                    | IMQ 14 ATEX 012X                                                                                                                                                                                                                                             |
| Marking                                                        |                    | Ex II 2 GD<br>Ex db IIC Gb<br>Ex eb IIC Gb<br>Ex tb IIIC Db                                                                                                                                                                                                  |
| <b>International approvals</b>                                 |                    |                                                                                                                                                                                                                                                              |
| UL approval                                                    |                    |                                                                                                                                                                                                                                                              |
| cULus                                                          |                    | E490324 tested to UL 514B<br>E490962 tested to UL 2225<br>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                                                                                                                                                                                                                                             |
| <b>Conformity</b>                                              |                    |                                                                                                                                                                                                                                                              |
| Degree of protection                                           |                    | EN 60529                                                                                                                                                                                                                                                     |
| <b>General information</b>                                     |                    |                                                                                                                                                                                                                                                              |
| Delivery quantity                                              |                    | 50                                                                                                                                                                                                                                                           |
| Scope of delivery                                              |                    | Cable glands<br>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 <a href="http://www.pepperl-fuchs.com">www.pepperl-fuchs.com</a> . |

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

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 **PEPPERL+FUCHS**

Technical Data

| Accessories   |  |                   |
|---------------|--|-------------------|
| Sealing plugs |  | BP.NA.M20-M25S.PA |

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