



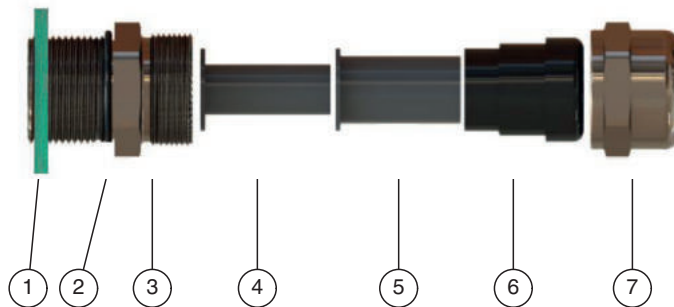
## Cable Glands, Metal, for non-armored Cables

CG.NA.M63.SS.C.18.K02

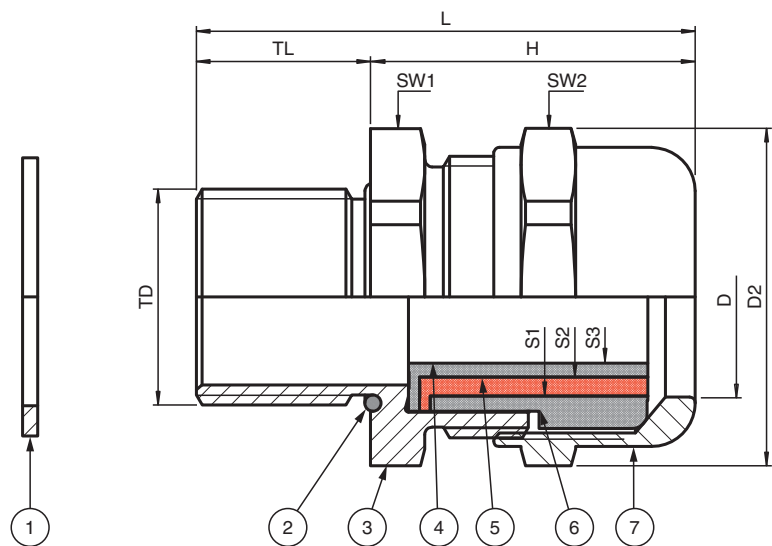
- For cables without armor
- Stainless Steel
- Thread M63
- Seal chloroprene
- Ex db, Ex eb and Ex tb certified
- Suitable for operation in Zone 1, Zone 2, Zone 21 and Zone 22
- Suitable for operation in Class I, Zone 1/2/22
- Suitable for operation in Class I, Division 2 when installed in accordance with NEC501.10(B)(2)
- Degree of protection IP66 / IP68, UL Type 4X
- Packaging unit: 2 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)                                             |                    | 46 ... 56 mm                                                                         |
| Seal combination S1                                            |                    | 52 ... 56 mm                                                                         |
| Seal combination S1+S2                                         |                    | 48 ... 52 mm                                                                         |
| Seal combination S1+S2+S3                                      |                    | 46 ... 48 mm                                                                         |
| Thread type                                                    |                    | metric ISO pitch 1.5 mm                                                              |
| Thread size (TD)                                               |                    | M63                                                                                  |
| Degree of protection                                           |                    | IP66 / IP68 , UL Type 4X                                                             |
| 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. 779 g                                                                        |
| Packing unit                                                   |                    | approx. 1.71 kg                                                                      |
| Dimensions                                                     |                    |                                                                                      |
| Width across corners (D2)                                      |                    | 89 mm                                                                                |
| Diameter thru-hole (DT)                                        |                    | 63 ... 63.3 mm                                                                       |
| Length outside enclosure (H)                                   |                    | 54 mm                                                                                |
| Width across flats (SW1)                                       |                    | 75 mm                                                                                |
| Width across flats (SW2)                                       |                    | 80 mm                                                                                |
| Thread length (TL)                                             |                    | 18 mm                                                                                |
| Total length (L)                                               |                    | 72 mm                                                                                |
| Tightening torque                                              |                    |                                                                                      |
| Nut torque at enclosure (SW1)                                  |                    | 25 Nm                                                                                |
| Nut torque 2 with seal S1 (SW2)                                |                    | 135 Nm                                                                               |
| Nut torque 2 with seals S1+S2 (SW2)                            |                    | 145 Nm                                                                               |
| Nut torque 2 with seals S1+S2+S3 (SW2)                         |                    | 160 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                                                                        |
| EAC approval                                                   |                    | RU C-DE.AA87.B.00459/20                                                              |
| CCC approval                                                   |                    | 2021312313000344                                                                     |
| <b>Conformity</b>                                              |                    |                                                                                      |
| Degree of protection                                           |                    | EN 60529                                                                             |
| <b>General information</b>                                     |                    |                                                                                      |
| Delivery quantity                                              |                    | 2                                                                                    |
| Scope of delivery                                              |                    | Cable glands<br>brief instructions (1 copy)                                          |

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Technical Data

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|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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> . |
| <b>Accessories</b>        |                                                                                                                                                                                                                                                              |
| Sealing plugs             | BP.NA.M63-M75S.PA                                                                                                                                                                                                                                            |

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