



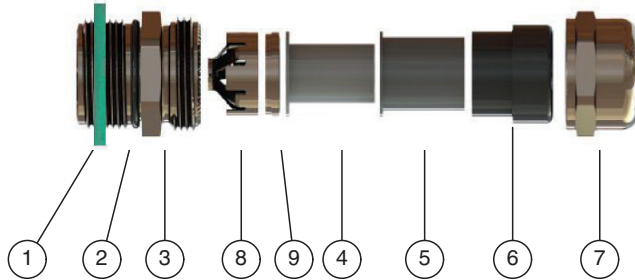
## Cable Glands, Metal, for shielded EMC Cables

### CG.EM.M40.SS.C.20.K05

- For shielded EMC cables without armor
- Stainless Steel
- Thread M40
- 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: 5 pieces, without accessories

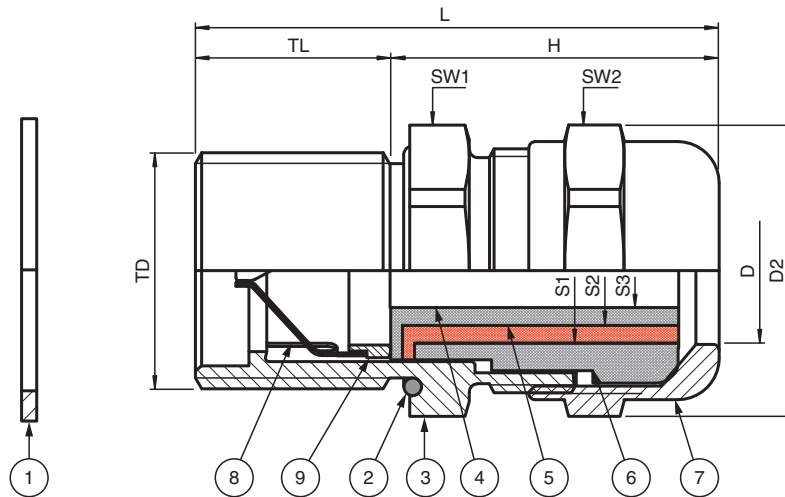


## Dimensions



Release date: 2024-07-18 Date of issue: 2024-07-18 Filename: 400734\_eng.pdf

**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)        | 22 ... 32 mm                    |
| Seal combination S1       | 27 ... 32 mm                    |
| Seal combination S1+S2    | 24 ... 27 mm                    |
| Seal combination S1+S2+S3 | 22 ... 24 mm                    |

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## Technical Data

|  |  |
|--|--|
| Thread type  | metric ISO pitch 1.5 mm  |
| Thread size (TD)   | M40  |
| 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. 224 g  |
| Packing unit   | approx. 1.23 kg  |
| Dimensions   |  |
| Width across corners (D2)                                      | 49.5 mm  |
| Diameter thru-hole (DT)  | 40 ... 40.3 mm   |
| Length outside enclosure (H)                                   | 42.5 mm  |
| Width across flats (SW1)                                       | 45 mm  |
| Width across flats (SW2)                                       | 45 mm  |
| Thread length (TL)   | 20 mm  |
| Total length (L)   | 62.5 mm  |
| Tightening torque  |  |
| Nut torque at enclosure (SW1)                                  | 15 Nm  |
| Nut torque 2 with seal S1 (SW2)                                | 45 Nm  |
| Nut torque 2 with seals S1+S2 (SW2)                            | 50 Nm  |
| Nut torque 2 with seals S1+S2+S3 (SW2)                         | 56 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  | Ⓜ II 2 GD<br>Ex db IIC Gb<br>Ex eb IIC Gb<br>Ex tb IIC Db  |
| <b>International approvals</b>                                 |  |
| UL approval  |  |
| cULus  | 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  | 5  |
| 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> . |
| <b>Accessories</b>   |  |
| Sealing plugs  | BP.NA.M32-M40S.PA  |