



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

### CG.NA.NPT1-1/2S.BN.C.20.K05

- For cables without armor
- Brass nickel-plated
- Thread NPT 1-1/2"
- Seal chloroprene
- Ex db, Ex eb and Ex tb certified
- Suitable for operation in Zone 1, Zone 2, Zone 21 and Zone 22
- 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



## 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 length                             |
| S*     | Clamping range, seal insert combinations |
| SW*    | Width across flats                       |
| TD     | Thread size                              |
| TL     | Thread length                            |

Release date: 2023-10-17 Date of issue: 2023-10-17 Filename: 400790\_eng.pdf

## Technical Data

### Mechanical specifications

## Technical Data

|  |  |
|--|--|
| Cable type   | non-armored 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   |
| Thread type  | NPT ANSI ASME B1.20.1  |
| Thread size (TD)   | NPT 1-1/2"   |
| Degree of protection   | IP66 / IP68 , UL Type 4X   |
| <b>Material</b>  |  |
| Finish   | inherent color silver  |
| Cable gland  | brass, nickel-plated   |
| Washer gasket  | aramid fibers bonded with NBR  |
| O-Ring   | chloroprene  |
| Seal insert  | chloroprene  |
| <b>Mass</b>  |  |
| Individual component   | approx. 343 g  |
| Packing unit   | approx. 1.89 kg  |
| <b>Dimensions</b>  |  |
| Width across corners (D2)                                      | 61 mm  |
| Diameter thru-hole (DT)  | 48.3 ... 48.5 mm   |
| Length outside enclosure (H)                                   | 45.5 mm  |
| Width across flats (SW1)                                       | 55 mm  |
| Width across flats (SW2)                                       | 50 mm  |
| Thread length (TL)   | 20 mm  |
| Total length (L)   | 65.5 mm  |
| <b>Tightening torque</b>                                       |  |
| Nut torque at enclosure (SW1)                                  | 12 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  |
| <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  | 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  | 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> . |

**Technical Data****Accessories**

Sealing plugs

BP.NA.M40-M50S.PA