



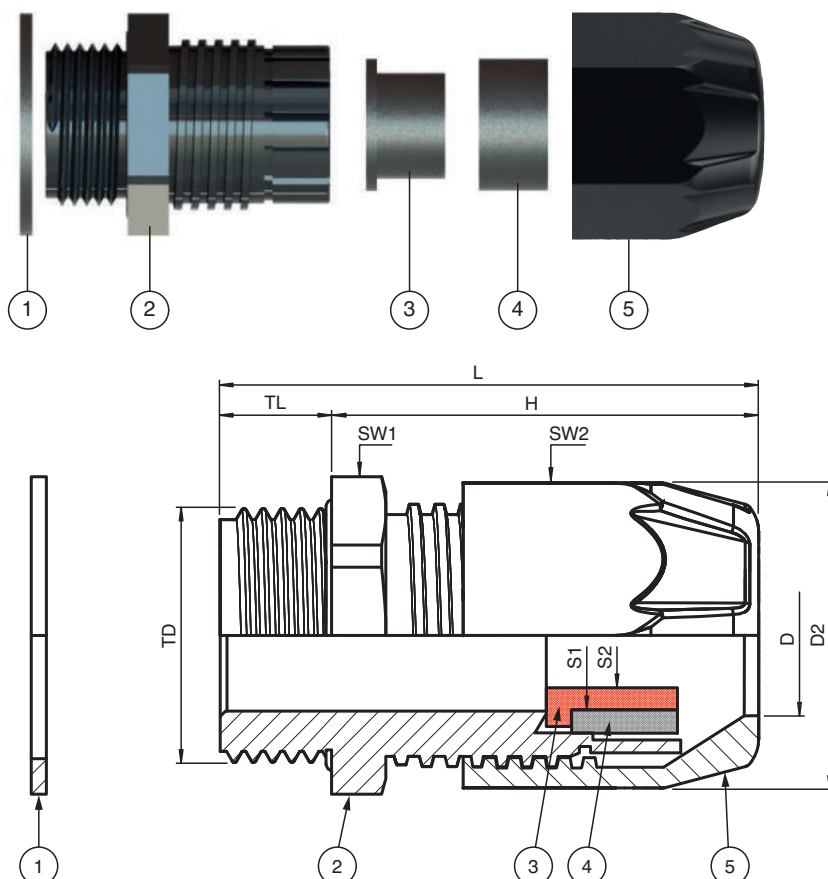
## Cable Glands, Plastic

### CG.PIDS1.M16S.PA.C.15.K50

- For cables without armor
- Thread M16
- Thread length 15 mm
- Ex eb and Ex tb certified
- Blue marking for use with Ex i circuits
- High impact-resistant polyamide material
- Seal chloroprene
- Suitable for operation in Zone 1, Zone 2, Zone 21 and Zone 22
- Very large clamping range due to double sealing insert
- Full impact resistance of 7 J according to IEC/EN 60079-0 for the full range without limitations
- Packaging unit: 50 pieces, without accessories



## Dimensions



## Dimensions

Details see data table

| Legend |                                          |
|--------|------------------------------------------|
| 1      | Flat gasket                              |
| 2      | Gland body basis                         |
| 3      | Seal insert S3                           |
| 4      | Seal insert S2                           |
| 5      | 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                            |

## Technical Data

### Mechanical specifications

|                                     |                                    |                |
|-------------------------------------|------------------------------------|----------------|
| Cable type                          | non-armored cables                 |                |
| Clamping range (D)                  |                                    | 4 ... 8 mm     |
| Seal combination S1                 |                                    | 5 ... 8 mm     |
| Seal combination S1+S2              |                                    | 4 ... 5 mm     |
| Thread type                         | metric ISO pitch 1.5 mm            |                |
| Thread size (TD)                    |                                    | M16            |
| Degree of protection                | IP66 / IP68                        |                |
| Material                            |                                    |                |
| Endcaps                             | blue                               |                |
| Finish                              | inherent color black, cap nut blue |                |
| Cable gland                         | high impact-resistant polyamide    |                |
| Washer gasket                       | flat chloroprene gasket            |                |
| Seal insert                         | chloroprene                        |                |
| Mass                                |                                    |                |
| Individual component                |                                    | approx. 11 g   |
| Packing unit                        |                                    | approx. 550 g  |
| Dimensions                          |                                    |                |
| Width across corners (D2)           |                                    | 21.7 mm        |
| Diameter thru-hole (DT)             |                                    | 16 ... 16.2 mm |
| Length outside enclosure (H)        |                                    | 33.6 mm        |
| Width across flats (SW1)            |                                    | 19 mm          |
| Width across flats (SW2)            |                                    | 19 mm          |
| Thread length (TL)                  |                                    | 15 mm          |
| Total length (L)                    |                                    | 48.6 mm        |
| Tightening torque                   |                                    |                |
| Nut torque at enclosure (SW1)       |                                    | 1.5 Nm         |
| Nut torque 2 with seal S1 (SW2)     |                                    | 4 Nm           |
| Nut torque 2 with seals S1+S2 (SW2) |                                    | 3.5 Nm         |

### Ambient conditions

|                     |                                |
|---------------------|--------------------------------|
| Ambient temperature | -40 ... 70 °C (-40 ... 158 °F) |
|---------------------|--------------------------------|

### Data for application in connection with hazardous areas

Release date: 2024-03-19 Date of issue: 2024-03-19 Filename: 291358\_eng.pdf

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

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 **PEPPERL+FUCHS**

## Technical Data

|                                 |  |                                                                                                                                                                                                                                                              |
|---------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU-type examination certificate |  | IMQ 15 ATEX 006X                                                                                                                                                                                                                                             |
| Marking                         |  | Ⓜ II 2 GD<br>Ex eb IIC Gb<br>Ex tb IIC Db                                                                                                                                                                                                                    |
| <b>International approvals</b>  |  |                                                                                                                                                                                                                                                              |
| IECEx approval                  |  | IECEx IMQ 15.0001X                                                                                                                                                                                                                                           |
| UKCA approval                   |  | CML 22 UKEX 31379X                                                                                                                                                                                                                                           |
| INMETRO approval                |  | DNV 20.0030 X                                                                                                                                                                                                                                                |
| CCC approval                    |  | 2021312313000450                                                                                                                                                                                                                                             |
| <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> . |
| <b>Accessories</b>              |  |                                                                                                                                                                                                                                                              |
| Sealing plugs                   |  | BP.PDS.M16S.PA                                                                                                                                                                                                                                               |