

## Cable Glands, Plastic

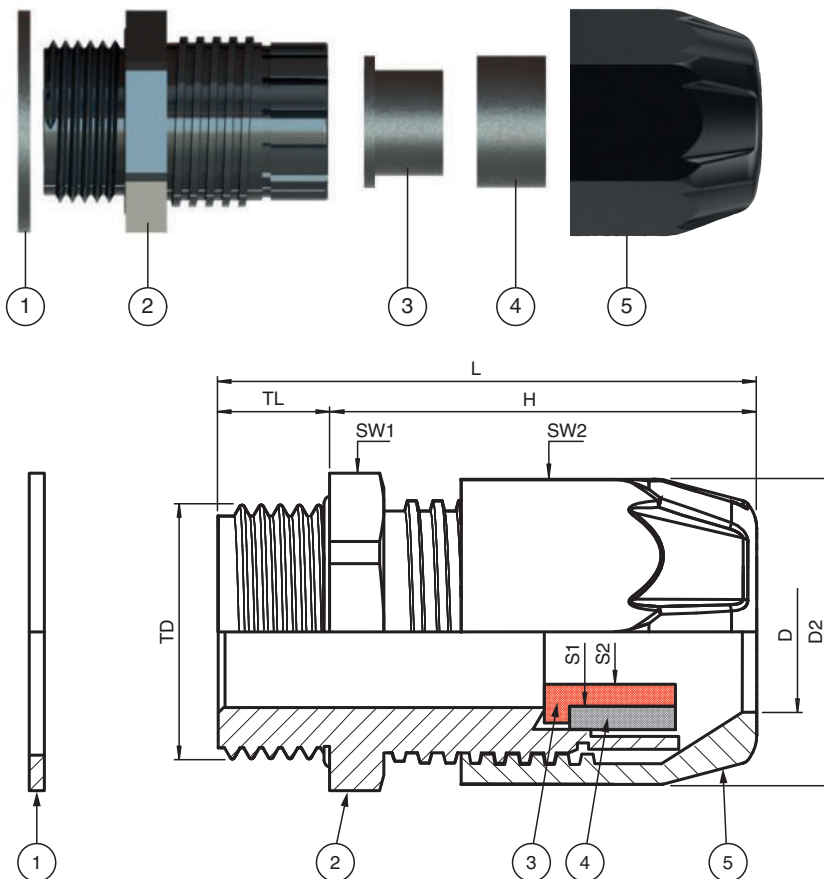
### CG.PEDS1.M16S.PA.C.15.K50



- For cables without armor
- Thread M16
- Thread length 15 mm
- Ex eb and Ex tb certified
- 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                                                 | black                           |                                |
| Finish                                                  | inherent color black            |                                |
| Cable gland                                             | high impact-resistant polyamide |                                |
| Washer gasket                                           | flat chloroprene gasket         |                                |
| Seal insert                                             | chloroprene                     |                                |
| Mass                                                    |                                 |                                |
| Individual component                                    |                                 | approx. 10 g                   |
| Packing unit                                            |                                 | approx. 365 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)                                        |                                 | 48.2 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 |                                 |                                |

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

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## 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                                                                                                                                                                                                                                               |