

# Technical data sheet

## Cable gland, EX area, PG thread

Art.-Nr. 2050005



Cable gland with EG design type approval certificate for products and protection systems for use in accordance with the regulations in explosion-hazard area. Directive 94/9/EC.  
 EC design type approval certificate number: PTB 99 ATEX 3112X and ... 3113X.  
 With PG connection thread according to IEC 423.  
 Robust cap-nut cable gland with large sealing area, as well as strain relief and torsion protection for high sealing demands.  
 Sealing ring of chloroprene/nitrile rubber, moulded sealing, so no connection thread sealing ring needed, VDE-tested.  
 Protection rating IP 68 at 5 bar.

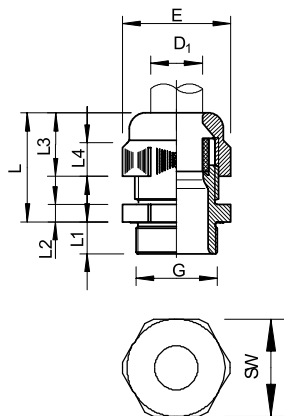


**PA** Polyamide

### Master data

|                     |                      |
|---------------------|----------------------|
| Item No.            | 2050005              |
| Type                | VTEC EX PG7 SW       |
| Description 1       | Cable gland, EX area |
| Dimension           | PG7                  |
| Colour              | Black                |
| Material            | Polyamide            |
| Material symbol     | PA                   |
| Smallest sales unit | 50,00 pcs            |
| Weight              | 0,41 kg/100 pcs.     |

### Technical specifications



|                                |                                     |
|--------------------------------|-------------------------------------|
| Dimension L min.               | 18,00 mm                            |
| Dimension L max.               | 23,00 mm                            |
| Dimension L1                   | 8,00 mm                             |
| Dimension L2                   | 5,00 mm                             |
| Dimension L3                   | 12,60 mm                            |
| SW                             | 15,00 mm                            |
| Version                        | Straight                            |
| Type of seal                   | Sealing ring                        |
| Bend protection                | <input checked="" type="checkbox"/> |
| Sealing range D                | 3,50 - 6,50 mm                      |
| explosion-proof                | <input checked="" type="checkbox"/> |
| Flat cable threaded connection | <input checked="" type="checkbox"/> |
| For Ex zone                    | Ex area 22                          |
| For Ex zone dust               | 22                                  |
| Thread                         | Pg 7                                |
| Thread type                    | PG                                  |
| Thread length                  | 8,00 mm                             |
| Thread increase                | 1,50 mm                             |
| Nominal thread size            | 7,00                                |
| Glass-fibre reinforced         | <input checked="" type="checkbox"/> |
| Halogen-free                   | <input checked="" type="checkbox"/> |
| Multiple sealing insert        | <input checked="" type="checkbox"/> |
| With locknut                   | <input checked="" type="checkbox"/> |
| Impact resistant               | <input checked="" type="checkbox"/> |

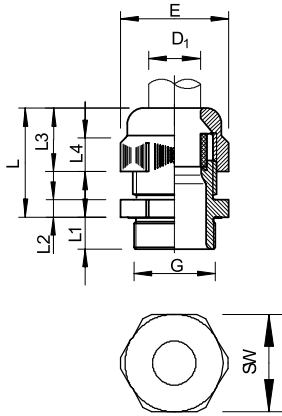
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|                                    |                                     |
|------------------------------------|-------------------------------------|
| Hexagonal corner dimension         | 16,50 mm                            |
| Protection rating                  | IP68                                |
| Splittable gland                   | <input checked="" type="checkbox"/> |
| max. permitted ambient temperature | -20,00 - 70,00 °C                   |
| Strain relief option               | <input checked="" type="checkbox"/> |