

# Technical data sheet

Cap nut cable gland, metric thread, set with lock nut,  
light grey  
Item no. 2022762



The quickest and most convenient way of providing strain relief and tightness with cable glands on junction boxes and housings is with the tried-and-trusted V-TEC VM cable glands from OBO. A protection rating of IP68 is achieved through the integrated sealing lip and the special OBO slat technology. Strain relief and tightness have been tested to DIN EN 62444.

The connection threads are metric. Once screwed in place, the installation is there forever, as the optimum thread adjustment with the right pitch ensures permanent resistance to shaking. Applications: From private housing with junction boxes up to industrial applications in the distributor cabinet.

Temperature range: -20 °C to +65 °C.

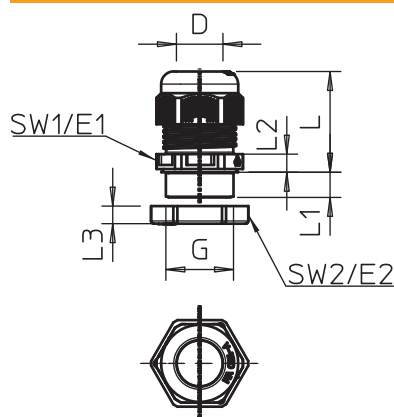


PA Polyamide

## Master data

|                          |                 |
|--------------------------|-----------------|
| Item no.                 | 2022762         |
| Type                     | V-TEC VM12+ LGR |
| Description 1            | Cable gland     |
| Description 2            | with locknut    |
| Dimension                | M12             |
| Colour                   | Light grey      |
| RAL number               | 7035            |
| Material                 | Polyamide       |
| Material symbol          | PA              |
| Smallest sales unit (VG) | 50 Piece        |
| Weight                   | 0,34 kg/100 pc. |

## Technical data



|                                |                                                           |
|--------------------------------|-----------------------------------------------------------|
| Dimension E1                   | 16,50 mm                                                  |
| Dimension E2                   | 19,00 mm                                                  |
| Dimension L min.               | 18,50 mm                                                  |
| Dimension L max.               | 23,50 mm                                                  |
| Dimension L1                   | 8,00 mm                                                   |
| Dimension L2                   | 5,00 mm                                                   |
| Dimension L3                   | 5,00 mm                                                   |
| SW 1                           | 15,00 mm                                                  |
| SW 2                           | 17,00 mm                                                  |
| Version                        | Straight                                                  |
| Type of seal                   | Sealing ring                                              |
| Bend protection                | <input type="checkbox"/>                                  |
| Sealing range D                | 3,50 - 7,00 mm                                            |
| explosion-proof                | <input type="checkbox"/>                                  |
| Flat cable threaded connection | <input type="checkbox"/>                                  |
| For Ex zone                    | Without                                                   |
| For Ex zone gas                | Without                                                   |
| For Ex zone dust               | Without                                                   |
| Flame-resistant                | acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C |
| Thread                         | M12 x 1,5                                                 |
| Thread type                    | Metric                                                    |
| Thread length                  | 8,00 mm                                                   |

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|                                    |                                     |
|------------------------------------|-------------------------------------|
| Thread increase                    | 1,50 mm                             |
| Nominal thread size                | 12                                  |
| Fibre-glass reinforced             | <input type="checkbox"/>            |
| Halogen-free                       | <input checked="" type="checkbox"/> |
| Installation torque                | 2,00 Nm                             |
| Multiple sealing insert            | <input type="checkbox"/>            |
| With locknut                       | <input type="checkbox"/>            |
| Impact-resistant                   | <input type="checkbox"/>            |
| Protection rating                  | IP68                                |
| Splittable gland                   | <input type="checkbox"/>            |
| max. permitted ambient temperature | -20,00 - 65,00 °C                   |
| Strain relief option               | <input checked="" type="checkbox"/> |