

# Technical data sheet

## Cap nut cable gland, metric thread, silver grey

Item number: 2022843



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. With the integrated sealing lip and the special OBO lamella technology, protection class IP68 is achieved. Strain relief and tightness have been tested to DIN EN 62444.

The connecting threads of the cable glands are metric or PG and are therefore suitable for universal use. 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 number                        | 2022843                 |
| Type                               | V-TEC VM12 SGR          |
| Description 1                      | Cable gland             |
| Description 2                      | fully metric            |
| Manufacturer                       | OBO                     |
| Dimension                          | M12                     |
| Colour                             | Silver grey; RAL 7001   |
| Material                           | Polyamide               |
| Smallest sales unit                | 50                      |
| Unit of quantity                   | Piece                   |
| Weight                             | 0.318 kg                |
| Weight unit                        | kg/100 pc.              |
| CO2 Footprint (GWP) Cradle-to-Gate | 0,0189 kg COe / 1 Piece |

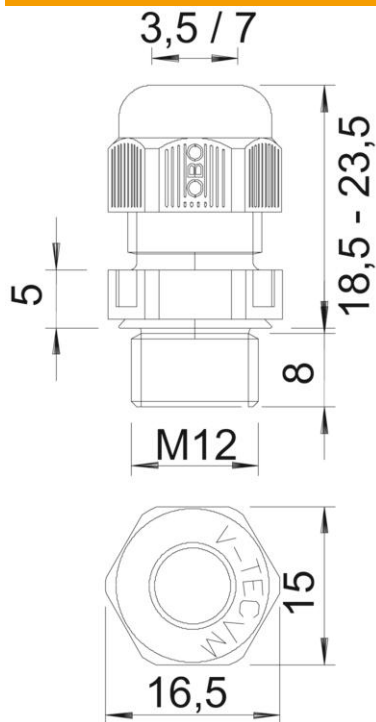
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### Dimensions



|                  |         |
|------------------|---------|
| Dimension E      | 16.5 mm |
| Dimension L max. | 23.5 mm |
| Dimension L min. | 18.5 mm |
| Dimension L1     | 8 mm    |
| Dimension L2     | 5 mm    |

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|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| Type of seal             | Sealing ring                                              |
| Version for              | Straight                                                  |
| Bend protection          | no                                                        |
| Sealing area D, max.     | 7 mm                                                      |
| Sealing area D, min.     | 3.5 mm                                                    |
| explosion-proof          | no                                                        |
| Flat cable gland         | no                                                        |
| Flame-resistant          | acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C |
| For Ex zone              | Without                                                   |
| For Ex zone gas          | Without                                                   |
| For Ex zone dust         | Without                                                   |
| Thread                   | M12 x 1,5                                                 |
| Thread type              | Metric                                                    |
| Thread length            | 8 mm                                                      |
| Nominal thread size      | 12                                                        |
| Thread increase          | 1.5 mm                                                    |
| Fibre-glass reinforced   | no                                                        |
| Halogen-free             | yes                                                       |
| Unstable torque          | 2 Nm                                                      |
| Impact category          | 3                                                         |
| Strain relief category   | A                                                         |
| Sealing insert, multiple | no                                                        |

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|                                   |         |
|-----------------------------------|---------|
| With locknut                      | no      |
| Impact-resistant                  | no      |
| WAF                               | 15      |
| Protection rating                 | IP68    |
| Hexagonal corner dimension        | 16.5 mm |
| Splittable gland                  | no      |
| Permitted temperature range, max. | 65 °C   |
| Permitted temperature range, min. | -20 °C  |
| Strain relief option              | yes     |