

# Technical data sheet

## Cable gland, long metric thread, black

Item number: 2022964



Cable gland with metric connection thread in cap nut design, suitable for junction boxes, housings, distributor cabinets in private and industrial areas. With strain relief and integrated sealing lip, tested according to DIN EN 62444. Protection class IP68. Can be used between -20°C and +65°C.



PA Polyamide

### Master data

|                                   |                        |
|-----------------------------------|------------------------|
| Item number                       | 2022964                |
| Type                              | V-TEC VM L12 SW        |
| Description 1                     | Cable gland            |
| Description 2                     | fully metric long      |
| Manufacturer                      | OBO                    |
| Dimension                         | M12                    |
| Colour                            | Black                  |
| Material                          | Polyamide              |
| Smallest sales unit               | 50                     |
| Unit of quantity                  | Piece                  |
| Weight                            | 0.392 kg               |
| Weight unit                       | kg/100 pc.             |
| CO Footprint (GWP) Cradle-to-Gate | 0,025 kg COe / 1 Piece |

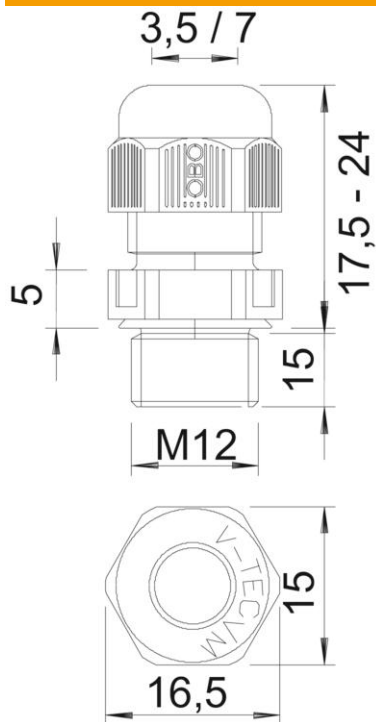
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### Dimensions



|                  |         |
|------------------|---------|
| Dimension E      | 16.5 mm |
| Dimension L max. | 24 mm   |
| Dimension L min. | 17.5 mm |
| Dimension L1     | 15 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            | 15 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     |