

# Technical data sheet

## Cable gland, metric thread, extra long, black

Art.-Nr. 2022987

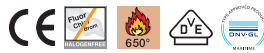


The quickest and most convenient way of providing strain relief and tightness with cable glands on junction boxes and housings is with the tried-and-trusted V-TEC VM cable glands from OBO. With the integrated sealing lip and the special OBO slat technology, protection class IP68 is achieved. Strain relief 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.

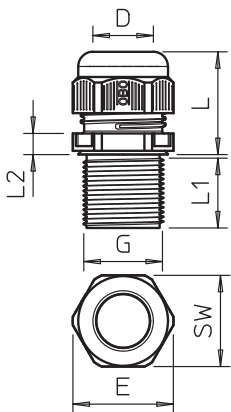


**PA** Polyamide

### Master data

|                     |                        |
|---------------------|------------------------|
| Item No.            | 2022987                |
| Type                | V-TEC VM LL20 SW       |
| Description 1       | Cable gland            |
| Description 2       | fully metric long 24mm |
| Dimension           | M20                    |
| Colour              | Black                  |
| Material            | Polyamide              |
| Material symbol     | PA                     |
| Smallest sales unit | 50,00 pcs              |
| Weight              | 1,00 kg/100 pcs.       |

### Technical specifications



|                                |   |
|--------------------------------|---|
| Dimension E                    | 27,00 mm  |
| Dimension L min.               | 22,50 mm  |
| Dimension L max.               | 32,50 mm  |
| Dimension L1                   | 24,00 mm  |
| Dimension L2                   | 5,00 mm   |
| SW                             | 24,00 mm  |
| Version                        | Straight  |
| Type of seal                   | Sealing ring  |
| Bend protection                | <input checked="" type="checkbox"/>                                   |
| Sealing range D                | 6,00 - 13,00 mm   |
| explosion-proof                | <input checked="" type="checkbox"/>                                   |
| Flat cable threaded connection | <input checked="" type="checkbox"/>                                   |
| For Ex zone                    | Without   |
| For Ex zone gas                | Without   |
| For Ex zone dust               | Without   |
| Flame resistant                | flame resistant to VDE 0471/DIN 695 Part 2-1, test temperature 650° C |
| Thread                         | M20x1,5   |
| Thread type                    | Metric  |
| Thread length                  | 24,00 mm  |
| Thread increase                | 1,80 mm   |
| Nominal thread size            | 20,00   |
| Glass-fibre reinforced         | <input checked="" type="checkbox"/>                                   |
| Halogen-free                   | <input checked="" type="checkbox"/>                                   |

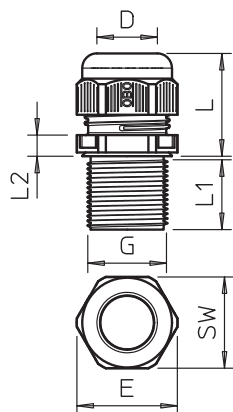
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## Technical specifications



|                            |                                     |
|----------------------------|-------------------------------------|
| Installation torque        | 3,75 Nm                             |
| Impact category            | A                                   |
| Strain relief category     | 3                                   |
| Multiple sealing insert    | <input checked="" type="checkbox"/> |
| With locknut               | <input checked="" type="checkbox"/> |
| Impact resistant           | <input checked="" type="checkbox"/> |
| Hexagonal corner dimension | 27,00 mm                            |
| Protection rating          | IP68                                |
| Splittable gland           | <input checked="" type="checkbox"/> |
| Strain relief option       | <input checked="" type="checkbox"/> |