

# Technical data sheet

## Cable gland, EX area, metric thread, black

Item number: 2050323



Cable gland with EU design type approval certificate for products and protection systems for use in accordance with the regulations in explosion-hazard area. Directive 2014/34/EU.

EU design type approval certificate number: BKI23ATEX0030 X.

With metric connecting thread to IEC 423.

Sealing ring of chloroprene/nitrile rubber, moulded sealing, so no connection thread sealing ring needed.

Protection IP 68 at 3 bar.



PA Polyamide

### Master data

|                                    |                          |
|------------------------------------|--------------------------|
| Item number                        | 2050323                  |
| Type                               | VTEC EX M20 SW           |
| Description 1                      | Cable gland, EX area     |
| Manufacturer                       | OBO                      |
| Dimension                          | M20                      |
| Colour                             | Black                    |
| Material                           | Polyamide                |
| Smallest sales unit                | 50                       |
| Unit of quantity                   | Piece                    |
| Weight                             | 0.891 kg                 |
| Weight unit                        | kg/100 pc.               |
| CO2 Footprint (GWP) Cradle-to-Gate | 0,0469 kg CO2e / 1 Piece |

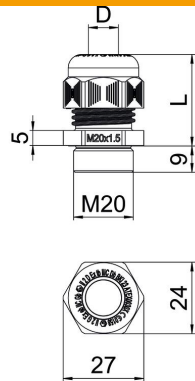
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## Dimensions



|                  |        |
|------------------|--------|
| Dimension E      | 27 mm  |
| Dimension G      | M20 mm |
| Dimension L max. | 30 mm  |
| Dimension L min. | 23 mm  |
| Dimension L1     | 9 mm   |
| Dimension L2     | 5 mm   |

## Technical data

|                                   |              |
|-----------------------------------|--------------|
| Type of seal                      | Sealing ring |
| Version for                       | Straight     |
| Bend protection                   | no           |
| Sealing area D, max.              | 12 mm        |
| Sealing area D, min.              | 7 mm         |
| explosion-proof                   | yes          |
| Flat cable gland                  | no           |
| For Ex zone                       | yes          |
| For Ex zone gas                   | 1, 2         |
| For Ex zone dust                  | 21, 22       |
| Thread                            | M20 x 1,5    |
| Thread type                       | Metric       |
| Thread length                     | 9 mm         |
| Nominal thread size               | 20           |
| Thread increase                   | 1.5 mm       |
| Fibre-glass reinforced            | no           |
| Halogen-free                      | yes          |
| Unstable torque                   | 4 Nm         |
| Sealing insert, multiple          | no           |
| With locknut                      | no           |
| Impact-resistant                  | no           |
| WAF                               | 24           |
| Protection rating                 | IP68         |
| Hexagonal corner dimension        | 27 mm        |
| Splittable gland                  | no           |
| Permitted temperature range, max. | 40 °C        |
| Permitted temperature range, min. | -10 °C       |
| Strain relief option              | no           |