

# Technical data sheet

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

Item number: 2050315



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                        | 2050315                 |
| Type                               | VTEC EX M16 SW          |
| Description 1                      | Cable gland, EX area    |
| Manufacturer                       | OBO                     |
| Dimension                          | M16                     |
| Colour                             | Black                   |
| Material                           | Polyamide               |
| Smallest sales unit                | 50                      |
| Unit of quantity                   | Piece                   |
| Weight                             | 0.63 kg                 |
| Weight unit                        | kg/100 pc.              |
| CO2 Footprint (GWP) Cradle-to-Gate | 0,0363 kg COe / 1 Piece |

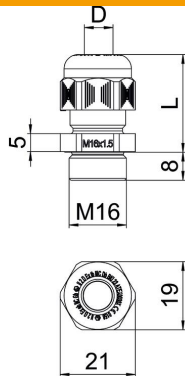
# Technical data sheet

Cable gland, EX area, metric thread, black

Item number: 2050315



## Dimensions



|                  |        |
|------------------|--------|
| Dimension E      | 21 mm  |
| Dimension G      | M16 mm |
| Dimension L max. | 27 mm  |
| Dimension L min. | 21 mm  |
| Dimension L1     | 8 mm   |
| Dimension L2     | 5 mm   |

## Technical data

|                                   |              |
|-----------------------------------|--------------|
| Type of seal                      | Sealing ring |
| Version for                       | Straight     |
| Bend protection                   | no           |
| Sealing area D, max.              | 8 mm         |
| Sealing area D, min.              | 5 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                            | M16 x 1,5    |
| Thread type                       | Metric       |
| Thread length                     | 8 mm         |
| Nominal thread size               | 16           |
| Thread increase                   | 1.5 mm       |
| Fibre-glass reinforced            | no           |
| Halogen-free                      | yes          |
| Unstable torque                   | 2.75 Nm      |
| Sealing insert, multiple          | no           |
| With locknut                      | no           |
| Impact-resistant                  | no           |
| WAF                               | 19           |
| Protection rating                 | IP68         |
| Hexagonal corner dimension        | 21 mm        |
| Splittable gland                  | no           |
| Permitted temperature range, max. | 40 °C        |
| Permitted temperature range, min. | -10 °C       |
| Strain relief option              | no           |