

# Technical data sheet

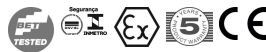
## EX ISG H spark gap, with one cable

Item number: 5240031



- Spark gap to VDE 0185-561-3 (IEC 62561-3)
- Ex certificate to ATEX
- Labelling to EN 60079-0/-1: II 2 G Ex db IIC T6 Gb
- Labelling to EN 60079-0/-31: II 2 D Ex td IIIC T80 °C Db IP67
- Ex certificate to IECEx
- Labelling to IEC 60079-0/-1: Ex db IIC T6 Gb
- Labelling to IEC 60079-0/-31: Ex td IIIC T80 °C Db IP67
- Ex certificate to INMETRO
- Labelling to ABNT NBR IEC 60079-0/-1: Ex db IIC T6 Gb
- Labelling to ABNT NBR IEC 60079-31: Ex tb IIIC T80 °C Db IP67

Application: In potentially explosive areas zones 1/21 and 2/22, indirect bridging of insulating flanges and insulating glands, e.g. in cathodic, corrosion-protected (KKS) systems.



Hot melt

### Master data

|                                    |                                |
|------------------------------------|--------------------------------|
| Item number                        | 5240031                        |
| Type                               | EX ISG H 350                   |
| Description 1                      | Spark gap 1 cable              |
| Description 2                      | indirect equipotential bonding |
| Manufacturer                       | OBO                            |
| Dimension                          | 350mm                          |
| Material                           | Hot melt                       |
| Smallest sales unit                | 1                              |
| Unit of quantity                   | Piece                          |
| Weight                             | 57.26 kg                       |
| Weight unit                        | kg/100 pc.                     |
| CO2 Footprint (GWP) Cradle-to-Gate | 2,63 kg CO2e / 1 Piece         |

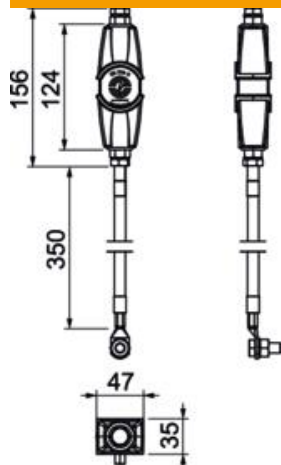
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## EX ISG H spark gap, with one cable

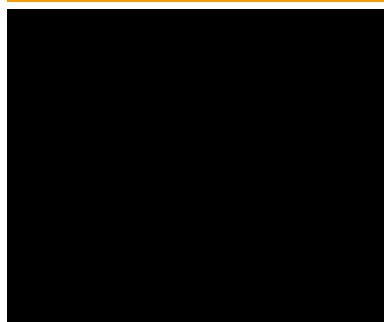
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### Dimensions



### Technical data



|                                         |                                  |
|-----------------------------------------|----------------------------------|
| Connection                              | Metric                           |
| Connecting cable length                 | 0.35 m                           |
| Power frequency spark-over voltage      | 0.56 kV                          |
| Rated impulse sparkover voltage         | 1.25 kV                          |
| Rated DC withstand voltage              | 354 V                            |
| Rated power frequency withstand voltage | 250 V                            |
| Lightning current carrying capacity     | H/100 kA                         |
| Explosion-tested version                | yes                              |
| Lightning impulse current               | 100 kA                           |
| Nominal discharge surge current         | 100 kA                           |
| ROHS-conformant                         | yes                              |
| Protection rating                       | IP65/67                          |
| Permitted temperature range, max.       | 60 °C                            |
| Permitted temperature range, min.       | -20 °C                           |
| Material of the connection              | Die-cast zinc                    |
| Ignition protection type                | Pressure-resistant encapsulation |