



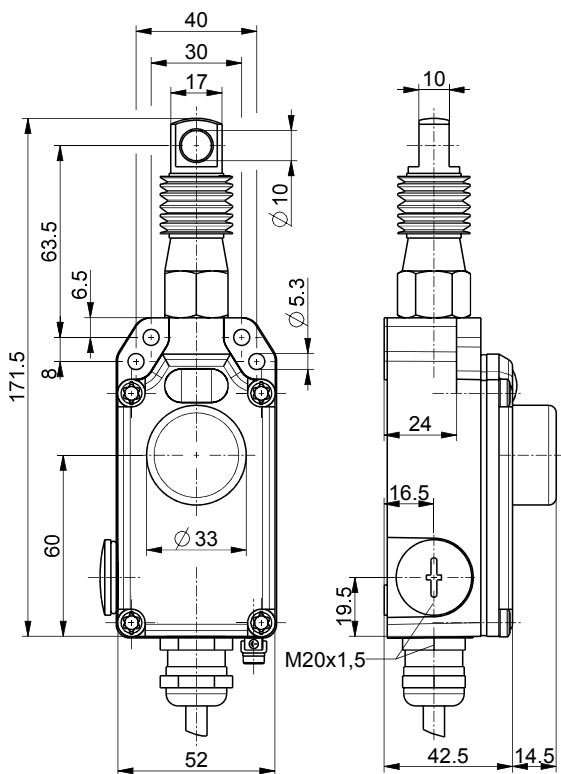
## Ex emergency pull-wire switches Ex ZS 71 1Ö/1S WVD-A / 100 N - 3m

Material number: 1189324 (Material number old: 71042308)

### Features/Options:

- Ex zone 1 and 21
- Metal enclosure
- 2 contacts
- Small design
- Wire length up to 35 m

### Dimensions



### Technical data

|                                |                                                                                     |
|--------------------------------|-------------------------------------------------------------------------------------|
| Standards                      | EN 60947-5-1, -5; EN 60079-0, EN 60079-1, EN 60079-31; EN ISO 13850; EN ISO 13849-1 |
| Enclosure                      | aluminium die-cast, powder-coated                                                   |
| Cover                          | glass-fibre reinforced, shock-proof thermoplastic, ultramid                         |
| Switch insert                  | Ex 14                                                                               |
| Degree of protection           | IP 65 to IEC/EN 60529                                                               |
| Contact material               | silver                                                                              |
| Switching system               | slow action, positive break NC contacts $\ominus$                                   |
| Switching elements             | 1 NC/1 NO contact, type Zb                                                          |
| Connection                     | cable H05VV-F, length 3 m                                                           |
| Cable cross-section            | 4 x 0.75 mm <sup>2</sup> (incl. conductor ferrules)                                 |
| B <sub>10d</sub> (10 % Load)   | 200 000                                                                             |
| T <sub>M</sub>                 | max. 20 years                                                                       |
| U <sub>imp</sub>               | 4 kV                                                                                |
| U <sub>i</sub>                 | 250 V                                                                               |
| I <sub>the</sub>               | T6: 6 A, T5: 3 A                                                                    |
| Utilisation category           | AC-15; DC-13                                                                        |
| I <sub>e</sub> /U <sub>e</sub> | 6 A/250 VAC; 0.25 A/230 VDC                                                         |
| Max. fuse rating               | 6 A gG/gN fuse                                                                      |
| Ambient temperature            | T6: -20 °C ... +65 °C, T5: -20 °C ... +90 °C                                        |
| Mechanical life                | > 100 000 operations                                                                |
| Max. wire length               | 35 m                                                                                |
| Features                       | wire pull and breakage detection                                                    |



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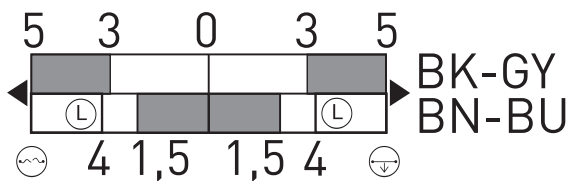
|               |                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------|
| Impact energy | max. 7 J                                                                                                                    |
| Ex marking    | II 2G Ex d IIC T6/T5 Gb,<br>II 2D Ex tb IIIC<br>T80 °C/T95 °C Db<br>IECEX Ex d IIC T6/T5 Gb,<br>Ex tb IIIC T80 °C/T95 °C Db |

|           |                                           |
|-----------|-------------------------------------------|
| Approvals | PTB 11 ATEX 1003 X<br>IECEX PTB 07.0034 X |
|-----------|-------------------------------------------|



|        |       |
|--------|-------|
| Weight | 680 g |
|--------|-------|

### Switching diagram



#### Note:

At 3 m distance intermediate wire supports are required. One wire thimble is provided.