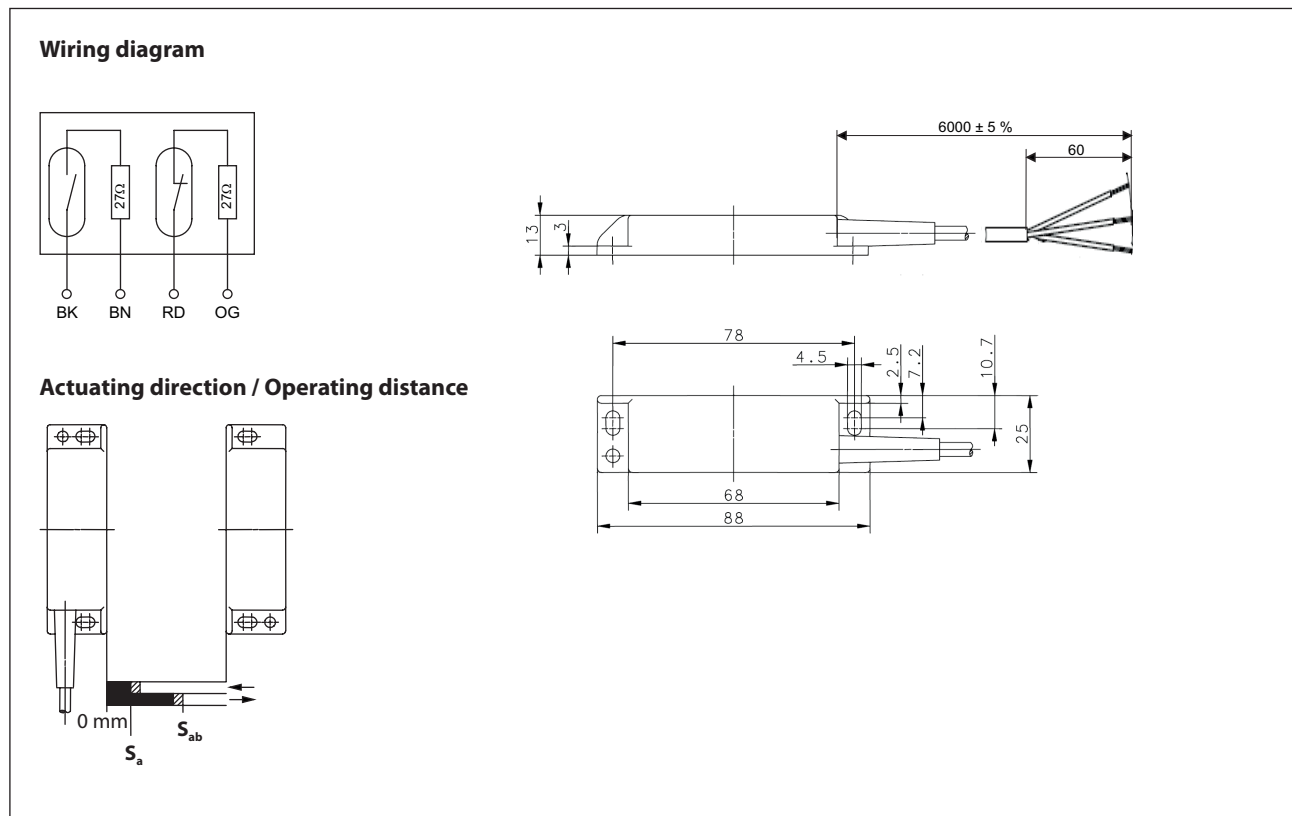


## Magnetic Switch Series MA-42

Description **MAK-4236-BCD-6**

Article number **6490642319**




### Identifying characteristics in accordance with EN 60947-5-2 and EN 62246-1

| Electrical data            |          |  |
|----------------------------|----------|--|
| Assured operating distance | $S_a$    | 4 mm   |
| Reference magnet           |          | TK-42-CD/2   |
| Output                     |          | N.O., N.C. combined  |
| max. switching voltage     |          | 170 V DC / 120 V AC  |
| max. switching current     |          | 400 mA DC / 280 mA AC  |
| max. switching capacity    |          | 0,25 VA  |
| Mechanical lifetime        |          | $3 \times 10^8$ switchings   |
| Repeat accuracy            | R        | 0,1 x S under same geometrical conditions at the same temperature (within the boundaries of $S_a$ and $S_{ab}$ ) |
| Max. release point         | $S_{ab}$ | 17 mm  |
| Operating frequency        |          | 1 Hz   |

| Mechanical data         |  |
|-------------------------|--|
| Enclosure               | PA6, black; encapsulated reed contact            |
| Ambient air temperature | -5 °C ... +70 °C                                 |
| Protection class        | IP 67 acc. to EN 60529                           |
| Connection              | Cable 4 x AWG26 x 6 m; PVC - Outer jacket, black |
| Installation position   | operator definable                               |
| Pollution degree        | 3 acc. to EN 60947-1                             |

| EU Conformity  |
|--|
| acc. to directive 2014/35/EU (Low-Voltage-Directive) |

| Approvals |  |
|-----------|---|
|           | UL Listed, Ind. Cont. Eq. / Class 2 Power source                                  |
|           | <b>Note limited electrical data:</b>  |
|           | max. switching voltage 30 V AC / 60 V DC  |
|           | max. switching current 0,08 A   |
|           | max. switching capacity 0,25 VA   |

| Notes   |
|---|
| Application: Monitoring system of type <b>MÜZ-x02/xxx</b>           |
| The sensor units are to be operated free from impact and vibration. |
| Tightening torque of screws: 1,25 Nm ±0,25 Nm                       |