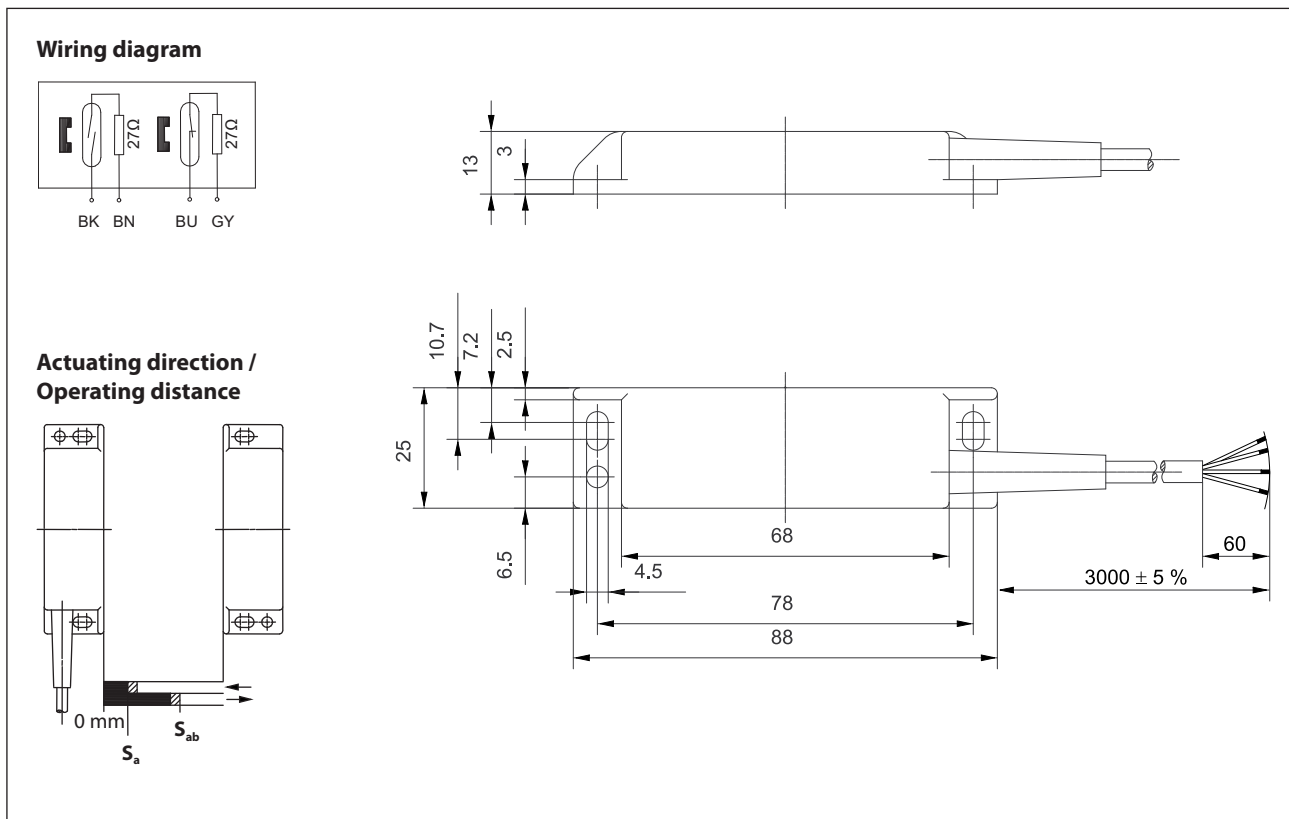


Magnetic Switch Series MA-42

Description **MAK-4236-3**

Article number **6490642315**



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

| Electrical data | | |
|----------------------------|----------|---|
| Assured operating distance | S_a | ≥ 5 mm |
| Reference magnet | | TK-42-CD (6402042310) |
| Output | | N.O., N.C. combined |
| Max. voltage | | 30 V DC |
| Mechanical lifetime | | 3×10^8 switchings |
| Repeat accuracy | R | $0,1 \times S$ under same geometrical conditions at the same temperature (within the boundaries of S_a and S_{ab}) |
| Max. release point | S_{ab} | 14 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 0,25mm ² ; PVC - Outer jacket, black |
| Installation position | operator definable |
| Pollution degree | 3 acc. to EN 60947-1 |

| Bemerkungen |
|---|
| <p>When this magnetic switch is used together with the related magnet, like TK-42-CD, and a suitable safety control unit, like MÜZ-□02/D24-FL□□□□, it supports a safety system up to PL d according to EN ISO 13849-1 and up to SIL CL 2 according to EN 62061.</p> <p>These coded magnetic systems offer manipulation-safe locking and can not be actuated with simple tools like depolarised magnets.</p> <p>The sensor units are to be operated free from impact and vibration.</p> <p>Tightening torque of screws: 1,25 Nm ±0,25 Nm</p> |