



Magnetic safety switches RE2 Sensor & actuator

RE23-SA84



Model Name > [RE23-SA84](#)
Part No. > [1062541](#)

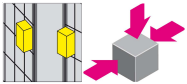


At a glance

- Response range of up to 9 mm
- 2 or 3 contacts
- Up to performance level PL e / Cat. 4 (EN ISO 13849)
- Sensors with plug connector or connected cable
- LED status indicator (RE27)
- Flexi Loop-compatible M12 plug connector (depending on variant)

Your benefits

- Long service life due to durable and low-maintenance design
- Just one safety switch in conjunction with a suitable safety module makes it possible to solve applications up to PL e and Cat. 4 (EN ISO 13849)
- High level of machine availability due to high tolerances for door misalignment
- The devices are easy to clean, making them suitable for contaminated areas or environments with strict hygiene standards
- Fast diagnostics via LED status indicator (RE27)
- Flexi Loop now enables a safe series connection with enhanced diagnostics capabilities and minimal wiring effort.



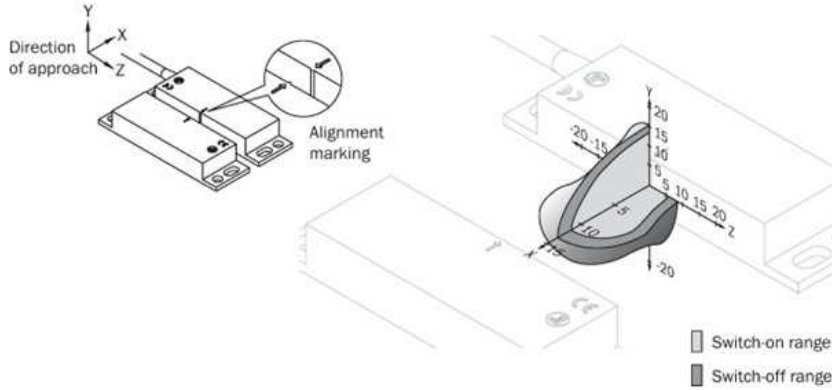
Technical data

| | |
|---------------------------------------|---|
| Sensor principle: | Magnetic |
| Category: | Up to category 4 (EN ISO 13849) ¹⁾ |
| Performance level: | Up to PL e (EN ISO 13849) ²⁾ |
| B10d parameter: | 2*1E 07 switching cycles, with small load |
| Housing material: | Glass-fiber reinforced PPS |
| Enclosure rating: | IP 67 (IEC 60529) |
| Ambient operating temperature: | -20 °C ... +60 °C |
| Number of actuation directions: | 3 |
| Connection type: | Cable with connector M8, 4-pin |
| Flexi Loop-compatible plug connector: | - |
| Cable length: | 0.2 m |
| Number of N/C contacts: | 0 |
| Number of N/O contacts: | 2 |
| Number of signaling contacts: | 0 |
| Safe switch on distance Sao: | 9 mm |
| Status display: | - |

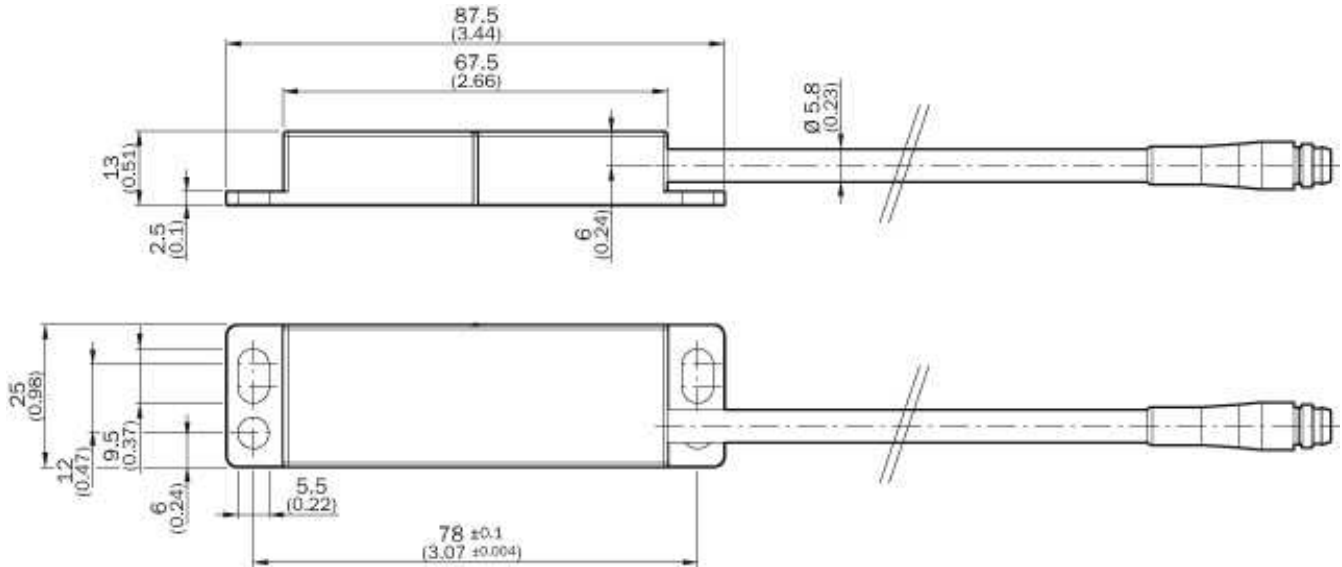
Design: Rectangular
 Dimensions: 25 mm x 88 mm x 13 mm
 Weight: 0.1 kg

1) 2) In combination with a suitable safe evaluation unit

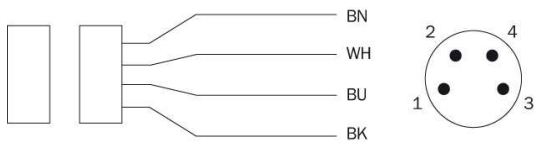
Response range



Dimensional drawing



Connection diagram



| | |
|------|-------------|
| 1 BN | N/O contact |
| 2 WH | |
| 3 BU | N/O contact |
| 4 BK | |

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