



## Magnetic safety switches RE1 Sensor & actuator

RE13-SA05



**Model Name** > [RE13-SA05](#)  
**Part No.** > [1062011](#)

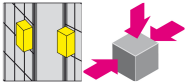


#### At a glance

- Response range of up to 7 mm
- 1 NO/1 NC or 2 NO contacts
- Up to performance level PL e / Cat. 4 (EN ISO 13849)
- Direct connection to safe control solution possible
- Sensors with plug connector or connected cable

#### Your benefits

- Long service life due to durable and low-maintenance design
- Space-saving mounting due to compact housing 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
- Direct connection to the safe control solution eliminates any additional wiring and reduces installation time
- The devices are easy to clean, making them suitable for contaminated areas or environments with strict hygiene standards



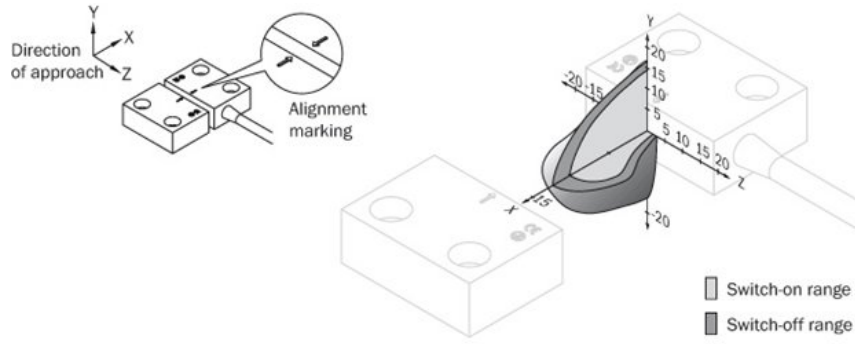
#### Technical data

Sensor principle:	Magnetic
Category:	Up to category 4 (EN ISO 13849) <sup>1)</sup>
Performance level:	Up to PL e (EN ISO 13849) <sup>2)</sup>
B10d parameter:	2*1E 07 switching cycles, with small load
Housing material:	Plastic
Enclosure rating:	IP 67 (IEC 60529)
Ambient operating temperature from ... to:	-20 °C ... 60 °C
Number of actuation directions:	3
Connection type:	Cable
Cable length:	5 m
Number of N/C contacts:	0
Number of N/O contacts:	2
Safe switch on distance Sao:	7 mm
Status display:	-
Housing:	Rectangular
Dimensions:	26 mm x 36 mm x 13 mm
Weight:	0.3 kg

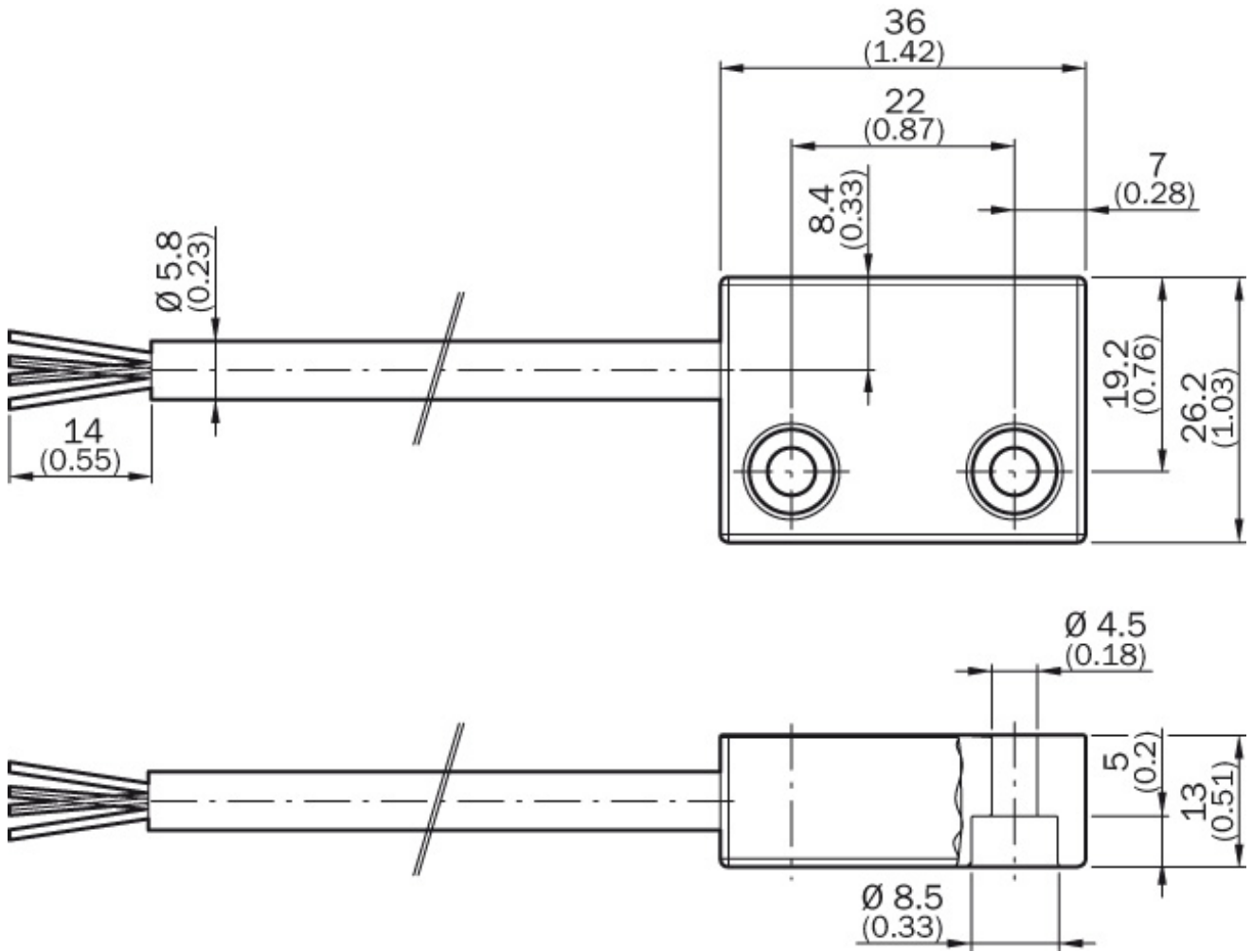
1) 2) In combination with a suitable safe evaluation unit

## Response range

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**Dimensional drawing**



**Connection diagram**



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

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