



Magnetic safety switches RE2 Sensor & actuator

RE21-SA05



Model Name > [RE21-SA05](#)
Part No. > [1059507](#)



At a glance

- Response range of up to 9 mm
- 1 NO/1 NC, 2 NO contacts or 3 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
- LED status indicator (RE27)

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
- 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
- Fast diagnostics via LED status indicator (RE27)



Technical data

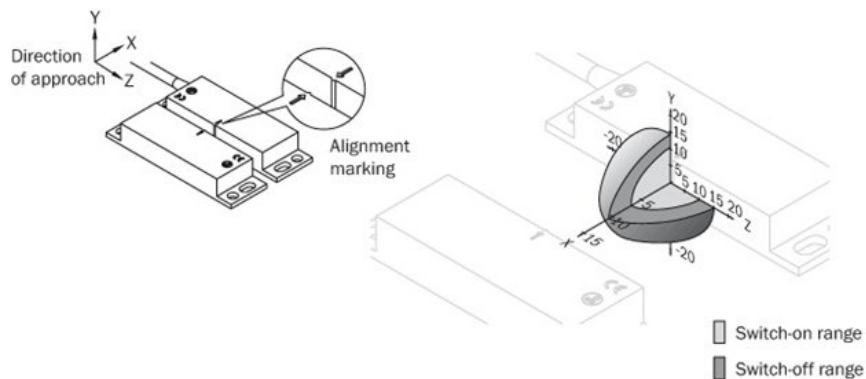
Sensor principle:	Magnetic
Category:	Up to category 4 (EN ISO 13849) ¹⁾
Performance level:	Up to PL e (EN ISO 13849) ²⁾
B10d parameter:	2*1E 07 switching cycles, with small load
Housing material:	Plastic
Enclosure rating:	IP 67 (IEC 60529)
Ambient operating temperature from ... to:	-20 °C ... 60 °C
Number of actuation directions:	3
Connection type:	Cable
Cable length:	5 m
Number of N/C contacts:	1
Number of N/O contacts:	1
Safe switch on distance Sao:	6 mm
Status display:	-
Housing:	Rectangular
Dimensions:	25 mm x 88 mm x 13 mm

Weight:

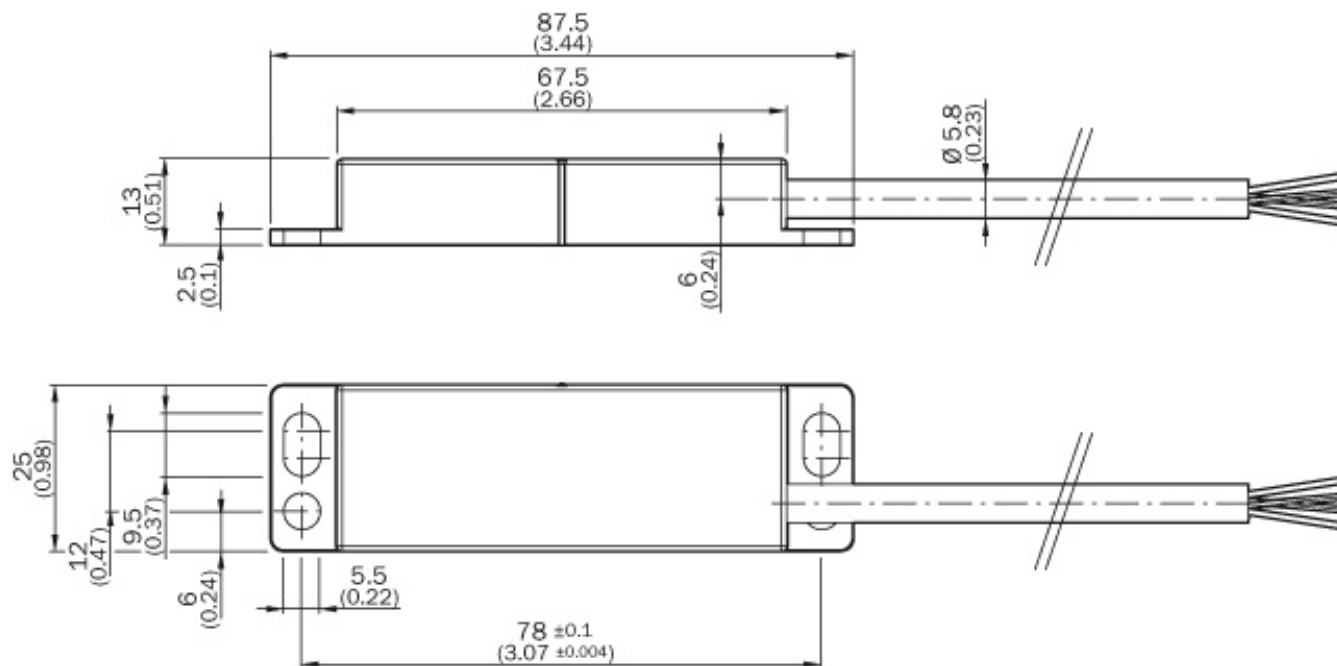
0.3 kg

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

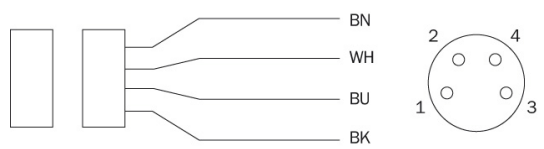
Response range



Dimensional drawing



Connection diagram



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

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