



## Magnetic safety switches RE11/RE21/RE31 Sensor & actuator

RE31-DAC



**Model Name** > [RE31-DAC](#)  
**Part No.** > [6036768](#)

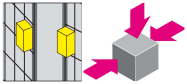


**At a glance**

- Response range of up to 6 mm
- 1 NO/1 NC contact
- 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

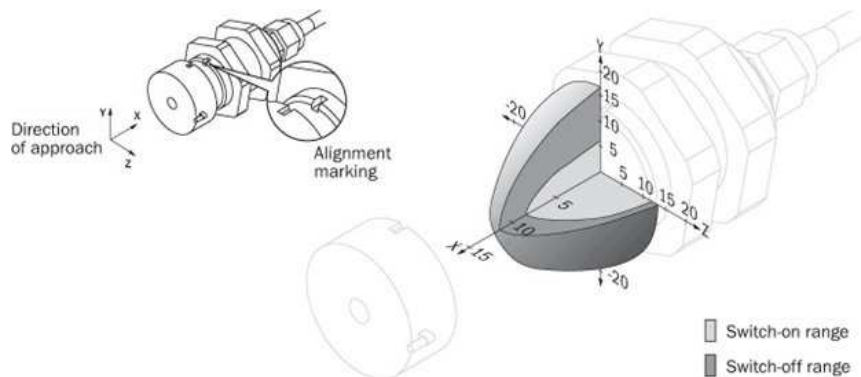


**Technical data**

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:	Glass-fiber reinforced PPS
Enclosure rating:	IP 67
Ambient operating temperature:	-20 °C ... +60 °C
Number of actuation directions:	3
Electrical connection:	Plug connector, M8, 4-pin
Number of N/C contacts:	1
Number of N/O contacts:	1
Safe switch on distance Sao:	6 mm
Status display:	-
Design:	Cylindrical
Dimensions:	M30
Weight:	0.051 kg

1) 2) In combination with suitable safety device

## Response range

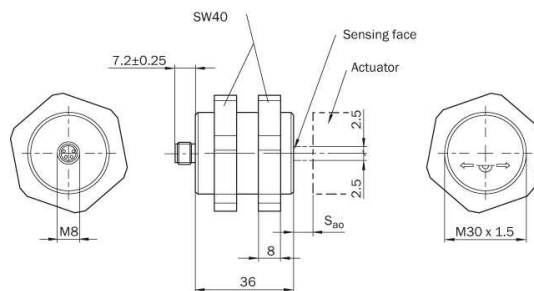


## Connection diagram



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

## Dimensional drawing



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