

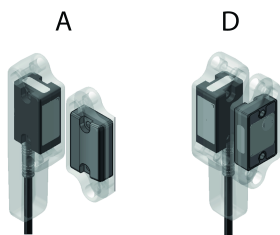
CES-I-AP-M-C14-U20-158631 (Order no. 158631)

Safety switch CES-I-AP-.-C14-..., RFID, connection cable, connecting cable PUR with cable end sleeves

- ▶ Multicode
- ▶ Monitoring output door position OD
- ▶ Connection cable, connecting cable PUR, 20 m, cable end sleeves



Approach direction and installation position



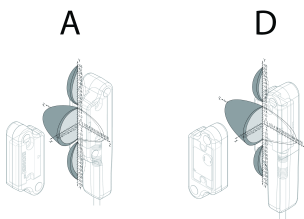
Permissible installation position

Multicode evaluation

The system checks whether the actuator type is one that can be recognized by the system (multicode evaluation). The system has a low coding level. Every suitable actuator is recognized by the switch.

Typical operating distance

(Only in conjunction with actuator CES-A-BBN)



To avoid entering the actuating range of the side lobes, a minimum distance of $s = 10$ mm must be maintained between the actuator and the safety switch when the approach direction is to the side.

Attention:

The actuating range may vary depending on the actuator, substrate material and installation situation. Further actuating ranges can be found in the operating instructions.

Safety characteristics

Thanks to two redundant safety outputs (semiconductor outputs) with internal monitoring, the device is suitable for:

- ▶ Category 4 /PL e according to EN 13849-1
- ▶ SIL 3 according to EN IEC 62061 Table 4

The OSSD outputs used check their function for short circuits and short circuits with test pulses.

LED indicator

STATE Status LED

DIA Diagnostics LED

Terminal assignment

Designation	Function	Connecting cable conductor coloring
UB	Electronics operating voltage, 24 V DC	BN
FO1A	Safety output, channel A	WH
0 V	Weight 0 V DC	BU
FO1B	Safety output, channel B	BK
OD	Monitoring output	GY

Accessories required

Actuator is not included.