CES-I-BP-U-C07-SB-160080 (Order no. 160080)
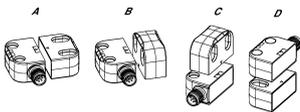
Safety switch CES-I-BP-.-C07-..., RFID, plug connector(s) M12

▸ Unicode
▸ Door position monitoring output
▸ Plug connector M12, 5-pin

Approach direction and installation position

Permissible installation position

Typical operating distance

(Only in conjunction with actuator CES-A-BTN-C07)

For a side approach direction for the actuator and safety switch, a minimum distance of s = 6 mm must be maintained so that the actuating range of the side lobes is not entered.

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.

Unicode evaluation

Each actuator is highly coded (unicode). The switch detects only taught-in actuators. Additional actuators can be taught-in.
Only the last actuator taught-in is detected.

Safety characteristics

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

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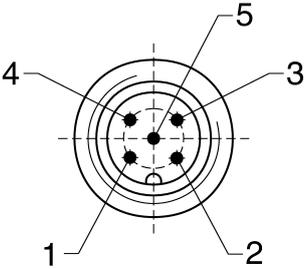▸ SIL 3 according to EN IEC 62061

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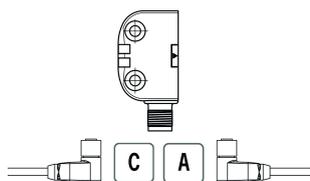
LED indicator

STATE Status LED

DIA   Diagnostics LED

Terminal assignment

Plug connector (view of connection side)	Pin	Designation	Function	Connecting cable conductor coloring
	1	UB	Electronics operating voltage, 24 V DC	BN
	2	FO1A	Safety output, channel A	WH
	3	0 V	Weight 0 V DC	BU
	4	FO1B	Safety output, channel B	BK
	5	OD/C	Door position monitoring output/communication	GY

Plug connector(s) adjusted C07

The following applies for the installation position of the device shown: cable outlet C (left), cable outlet A (right).

Scope of delivery

▸ Cover caps for the mounting holes

Accessories required

Actuator is not included.