CES–I–AR–U–C04–SG–119469 (Order no. 119469)
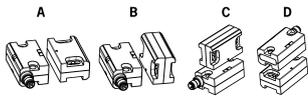
Safety switch CES–I–AR–.–C04–…, RFID, M8 plug connector(s)

▸ Unicode
▸ Monitoring output door position OD
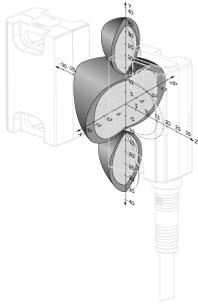▸ Plug connector M8, 8–pin

Approach direction and installation position

Permissible installation position

Typical operating distance

(Only in conjunction with actuator CES–A–BBN–C04)

[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

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.
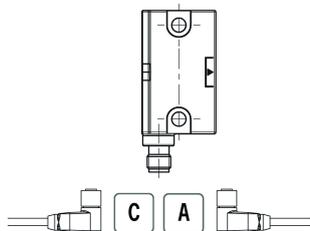
LED indicator

STATE Status LED

DIA   Diagnostics LED

Terminal assignment

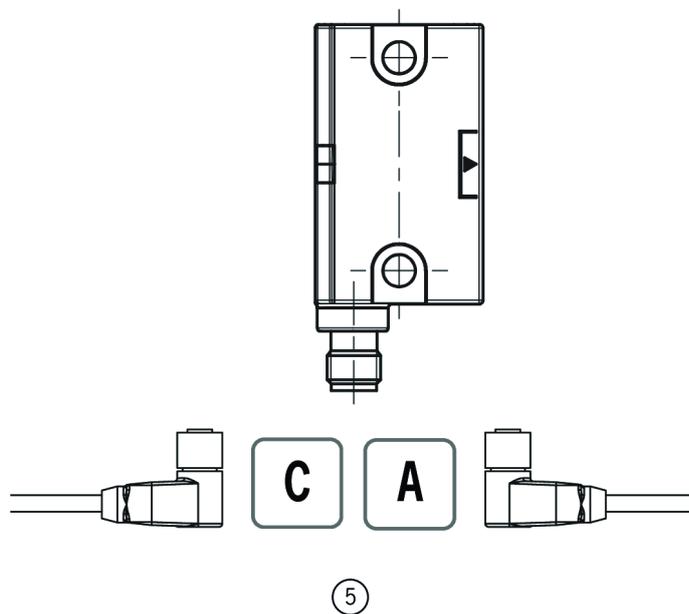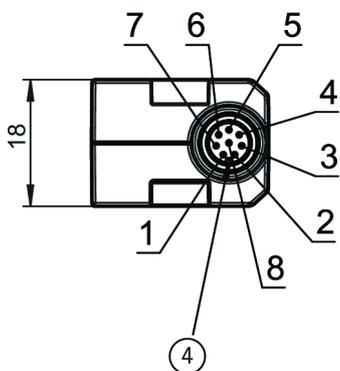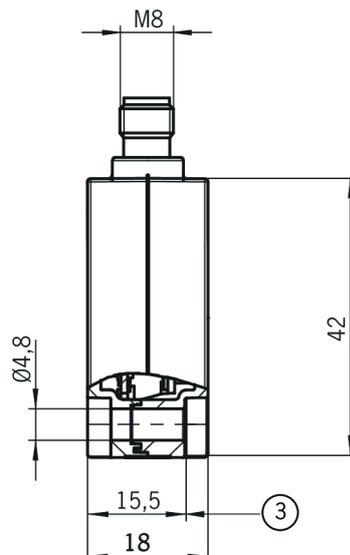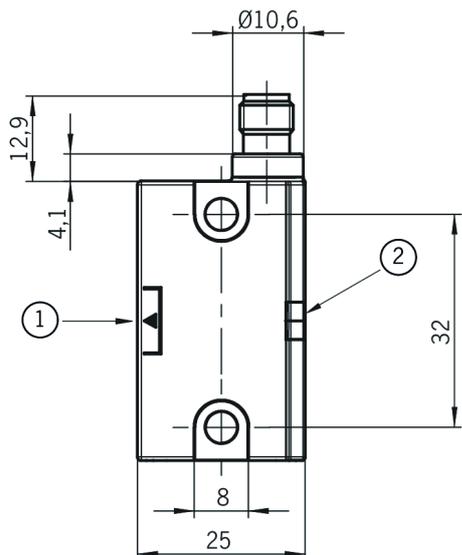| Plug connector (view of connection side)	Pin	Designation	Function	Connecting cable conductor coloring
	1	FI1B	Enable input, channel B	WH
	2	UB	Electronics operating voltage, 24 V DC	BN
	3	FO1A	Safety output, channel A	GN
	4	FO1B	Safety output, channel B	YE
	5	OD	Monitoring output	GY
	6	FI1A	Enable input, channel A	PK
	7	0 V	Weight 0 V DC	BU
	8	RST	Reset input	RD

Plug connector(s) adjusted C04

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

Accessories required

Actuator is not included.

Dimensional drawings

1 Active face

2 LED status indication

3 With rubber support

4 Coding lug

5 With the installation orientation shown: cable outlet on left or right