

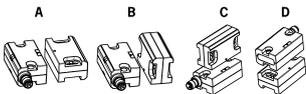
## CES-I-AR-F-C04-SG-161679 (Order no. 161679)

### Safety switch CES-I-AR-.-C04-..., RFID, M8 plug connector(s)

- ▶ Fixcode evaluation
- ▶ Monitoring output door position OD
- ▶ Plug connector M8, 8-pin



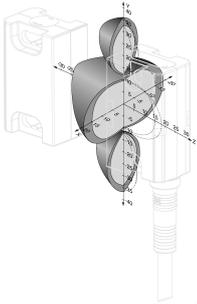
### Approach direction and installation position



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.

### Fixcode evaluation

A supplied actuator is permanently assigned to the switch. The switch can only be actuated with this actuator. The teach-in operation of the actuator is carried out at EUCHNER before delivery. No other actuators can be taught-in.

The system has a high coding level.

### 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

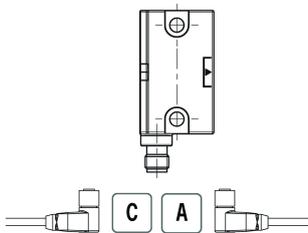
STATE Status LED

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).

## Scope of delivery

- ▶ 2 x safety screws M4x20
- ▶ Actuator CES-A-BBN-C04-115271