

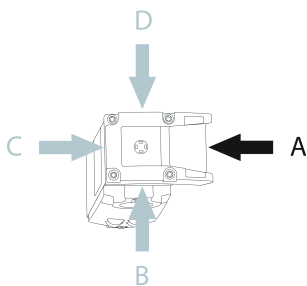
CET4-AS-CRA-AB-50X-SJ-AS1-113631 (Order no. 113631)

Safety switch with guard locking CET ASi, RFID, plug connector(s) M12

- ▶ AS-Interface
- ▶ Open-circuit current principle
- ▶ Unicode
- ▶ Plug connector M12, 4-pin



Approach direction



Horizontal

Can be adjusted in 90° steps

Guard locking principle

Open-circuit current (power on to lock): On a guard with guard locking based on the open-circuit current principle, the guard is locked until the power supply to the guard locking solenoid is interrupted.

Unlocking is by spring force. The term electrical guard locking is also used.

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.

Control of the guard locking solenoid

The guard locking solenoid is controlled via AS-Interface bit D0.

Auxiliary voltage

The ASi auxiliary voltage is required for the device's mode.

AS-Interface inputs

- D0, D1 Monitoring of the guard position
- D2, D3 Guard lock monitoring

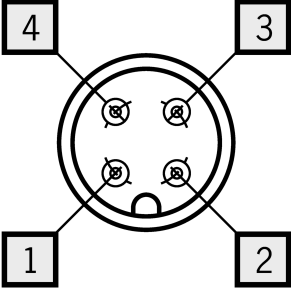
AS-Interface outputs

- D0 Control of guard locking
- D1 LED red
- D2 LED green

LED indicator

The ASi LED indicates the operating voltage on the bus.
The STATE LED indicates when an error has been detected on the AS-Interface bus.
The green and the red LEDs can be controlled as required by the control system via the bus using bits D1 and D2.

Terminal assignment

Plug connector (view of connection side)	Pin	Designation	Function
	1	ASi	AS-Interface +
	2	0 V	Auxiliary power 0 V
	3	ASi -	AS-Interface -
	4	24 V	Auxiliary power 24 V

Accessories required

Actuator is not included.
The safety switch can only be actuated in conjunction with the actuators provided for this purpose.

Dimensional drawings

