

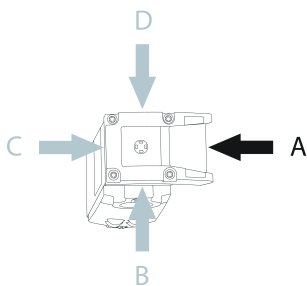
CET3-AS-CRA-CB-50X-1-116514 (Order no. 116514)

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

- ▶ AS-Interface
- ▶ Closed-circuit current principle
- ▶ Multicode
- ▶ Plug connector M12, 4-pin



Approach direction



Horizontal

Can be adjusted in 90° steps

Guard locking principle

Power to unlock: On a guard with guard locking based on the closed-circuit current principle, the guard is locked by spring force until the guard locking solenoid is supplied with power. Unlocking is by solenoid force. The term mechanical guard locking is also used.

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.

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

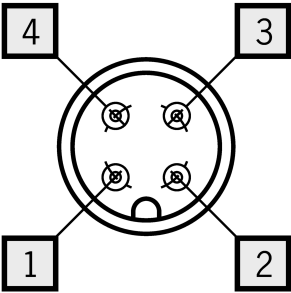
AS-Interface outputs

- 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.