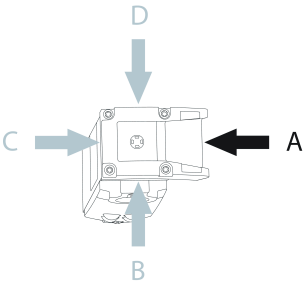
CET3-AS-CRA-AB-50X-SJ-AS1-111214 (Order no. 111214)

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

- AS-Interface
- Closed-circuit current principle
- Unicode
- 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.

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

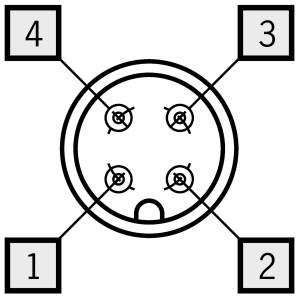
D1 LED red

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