

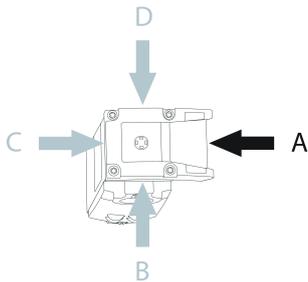
## CET4-AS-CRA-AB-50F-1-C2333-116420 (Order no. 116420)

Safety switch with guard locking CET ASi, RFID, plug connector(s) M12, escape release, lockout bar

- ▶ AS-Interface
- ▶ Open-circuit current principle
- ▶ Unicode
- ▶ Plug connector M12, 4-pin
- ▶ Escape release, 75 mm long
- ▶ Lockout mechanism



### 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.

### Escape release

This is used for manual release of guard locking from the danger zone without tools.

## Lockout mechanism

The lockout bar can be used to prevent maintenance personnel from being unintentionally locked in the danger zone, for example.

**Important:** The lockout bar is not a safety function..

This device with lockout bar possesses no auxiliary release.

## 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.