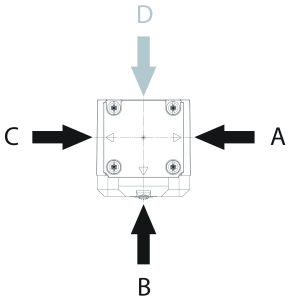
CTP-L2-AS1B-M-HA-AZ-SJ-126646 (Order no. 126646)

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

- AS-Interface
- Open-circuit current principle
- Multicode
- 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.

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. In order to achieve safe control of the guard locking, the auxiliary voltage must also be switched safely.

Auxiliary voltage

The ASi auxiliary voltage is required to supply the guard locking solenoid.

AS-Interface inputs

D0, D1 Monitoring of the guard position

D2, D3 Guard lock monitoring

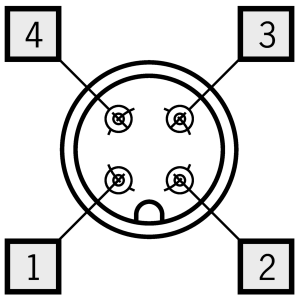
AS-Interface outputs

D0 Control of guard locking

LED indicator

The ASi LED indicates the status of the ASi bus.
The STATE LED indicates the status of the switch.
The LOCK/DIA LED indicates when the door is locked and whether a fault has been detected in the switch.

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.