

## CTP-L1-AP-U-HA-AZ-SA-EX-136675 (Order no. 136675)

### Safety switch with guard locking CTP-AP ATEX, RFID, plug connector(s) M12

- ▶ ATEX version
- ▶ Closed-circuit current principle
- ▶ Unicode
- ▶ Monitoring output door position OD
- ▶ Guard lock monitoring output OL
- ▶ Plug connector M12, 8-pin



#### Version ATEX

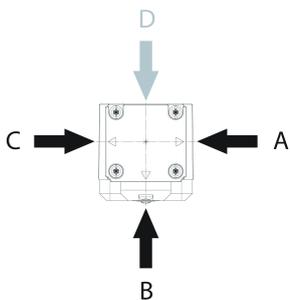
Suitable for use in zones 2 and 22 (gases and dusts).

Areas of application:

 II 3 G

 II 3 D

#### Approach direction



Horizontal

Can be adjusted in 90° steps

#### Guard locking principle

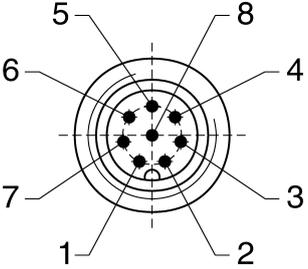
Power to unlock: On a guard with guard locking based on the closed-circuit current principle, the guard is locked by spring force until the guard locking solenoid is supplied with power. Unlocking is by solenoid force. The term mechanical guard locking is also used.

#### 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.

## Terminal assignment

Plug connector (view of connection side)	Pin	Designation	Function	Connecting cable conductor coloring
	1	IMP	Solenoid operating voltage, 24 V DC	WH
	2	UB	Electronics operating voltage, 24 V DC	BN
	3	FO1A	Safety outputs channel A 	GN
	4	FO1B	Safety outputs channel B 	YE
	5	OL	Guard lock monitoring output	GY
	6	OD	Door position monitoring output	PK
	7	0 V UB	Electronics operating voltage, 0 V DC	BU
	8	IMM	Solenoid operating voltage, 0 V DC	RD

## Accessories required

Actuator is not included.

The safety switch can only be actuated in conjunction with the actuators provided for this purpose.