

CTP-L1-AP-U-HA-AZ-SA-EX-129512 (Order no. 129512)

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
- ▶ Monitoring output diagnosis OI
- ▶ Plug connector M12, 8-pin




Version ATEX

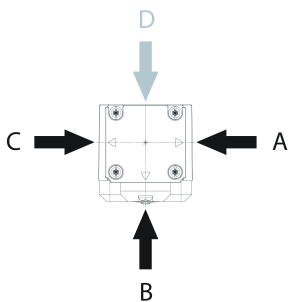
Suitable for use in zones 2 and 22 (gases and dusts).

Areas of application:

 II 3 G

 II 3 D

Approach direction



Horizontal

Can be adjusted in 90° steps

Guard locking principle

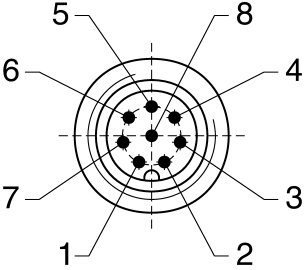


Power to unlock: On a guard with guard locking based on the closed-circuit current principle, the guard is locked by spring force until the guard locking solenoid is supplied with power. Unlocking is by solenoid force. The term mechanical guard locking is also used.

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	Operating voltage of guard locking solenoid, 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	OI	Diagnostic 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.