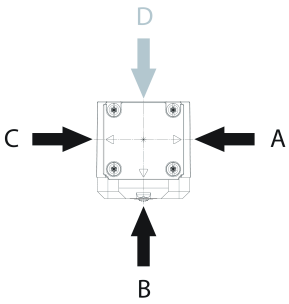
CTP-L1-AP-M-HA-AE-SA-163003 (Order no. 163003)

Safety switch with guard locking CTP-AP, RFID, plug connector M12, escape release

- Closed-circuit current principle
- Multicode
- Monitoring output door position OD
- Monitoring output diagnosis OI
- Plug connector M12, 8-pin
- Escape release

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.

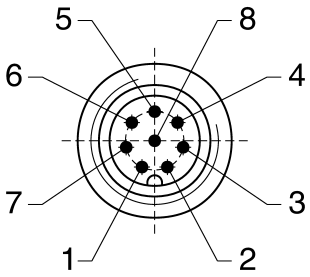
Multicode evaluation

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.

Escape release

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

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.