CTP–LBI–AP–U–HA–AZ–SA–160706 (Order no. 160706)

Safety switch with guard locking CTP–AP BiState, RFID, plug connector(s) M12

▸ BiState (bistable guard locking)

▸ Unicode

▸ Guard lock monitoring output OL

▸ Monitoring output door position OD

▸ Monitoring output diagnosis OI

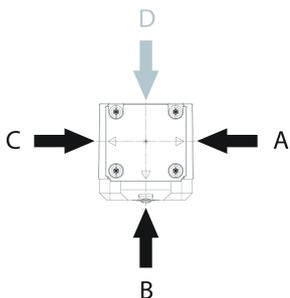▸ Plug connector M12, 8–pin

▸ Increased retention force

BiState (bistable guard locking)

The device has a function that prevents

▸ people from accidentally becoming trapped in the event of a power failure or when the machine is switched off and the safety door is open

▸ the activated guard locking is deactivated in the event of a power failure.
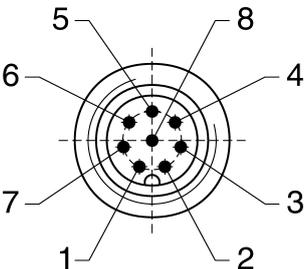
Approach direction

Horizontal
Can be adjusted in 90° steps

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	Control input magnet	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	OL	Guard lock monitoring output	BU
	8	0 V	Control voltage electronics and magnet 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.