

CTM-LBI-BR-U-ZZ-SA-P-161640 (Order no. 161640)

Safety switch with guard locking CTM-LBI-BR BiState, RFID, plug connector(s) M12, hygienic version

- ▶ BiState (bistable guard locking)
- ▶ Unicode
- ▶ Door position monitoring output/communication OD/C
- ▶ Plug connector M12, 8-pin
- ▶ Actuating/extraction/retention force: 20/18/5 N
- ▶ Hygienic version



BiState (bistable guard locking)

The device has a function that prevents

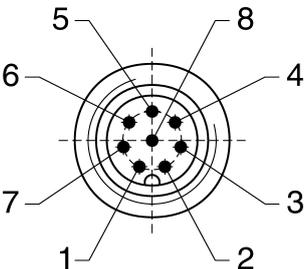
- ▶ people from accidentally becoming trapped in the event of a power failure or when the machine is switched off and the safety door is open
- ▶ the activated guard locking is deactivated in the event of a power failure.

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	FI1B	Enable input, channel B	WH
	2	UB	Operating voltage electronics and magnet 24 V DC	BN
	3	FO1A	Safety outputs channel A 	GN
	4	FO1B	Safety outputs channel B 	YE
	5	OD/C	Door position monitoring output/communication	GY
	6	FI1A	Enable input, channel A	PK
	7	0VUB	Electronics and solenoid operating voltage, 0 V DC	BU
	8	IMP	Solenoid control input, 24 V DC	RD

Accessories required

Actuator is not included.