

CEM-I2-AY-U-C40-SA-128103 (Order no. 128103)

Transponder-coded safety switch CEM-AY-C40

- ▶ Safety switches with guard locking for process protection and integrated evaluation electronics
- ▶ Solenoid with locking force 600 N
- ▶ Adhesive-force adjustment in 3 levels
- ▶ Short circuit monitoring
- ▶ 2 safety outputs (semiconductor outputs)
- ▶ Up to category 4 / PL e according to EN ISO 13849-1 for door position monitoring
- ▶ With plug connector M12
- ▶ Unicode
- ▶ Door monitoring output



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.

Guard locking type

CEM-I2 Guard locking actuated by energy ON and released by energy OFF.

Connector assignment

Plug connector (view of connection side)	Pin	Designation	Function
	1	IMP	Control voltage, guard locking solenoid, 24 V DC
	2	UB	Operating voltage 24 V DC
	3	FO1A	Safety output, channel 1
	4	FO1B	Safety output, channel 2
	5	OI	Diagnostic output
	6	OT	Door monitoring output
	7	OL	Guard lock monitoring output
	8	0 V UB	Operating voltage, 0 V