

CEM-I2-AY-U-C40-LZ-SA-157549 (Order no. 157549)

Transponder-coded safety switch CEM-AY-C40, n-switching

- ▶ 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
- ▶ n-switching



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	Potential
	1	IMP	Control voltage, guard locking solenoid, 24 V DC	+ 24 V DC
	2	UB	Operating voltage 24 V DC	+ 24 V DC
	3	FO1A	Safety output, channel 1	PNP
	4	FO1B	Safety output, channel 2	PNP
	5	RST	Reset input	+ 24 V DC
	6	OT	Door monitoring output	NPN
	7	OL	Guard lock monitoring output	NPN
	8	0 V UB	Operating voltage, 0 V	0 V DC