

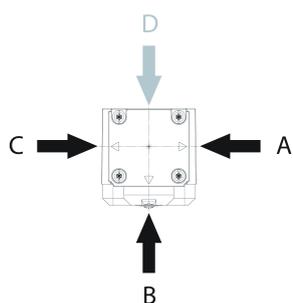
CTP-L1-AP-M-HA-AZ-SH-123365 (Order no. 123365)

Transponder-coded safety switch CTP-AP, M23

- ▶ Safety switch with guard locking and integrated evaluation electronics
- ▶ Short circuit monitoring
- ▶ 2 safety outputs (semiconductor outputs)
- ▶ Up to category 4 / PL e according to EN ISO 13849-1
- ▶ With plug connector M23
- ▶ Multicode
- ▶ Door monitoring output
- ▶ Approach directions A, B and C (delivery state)



Approach direction



Horizontal

Can be adjusted in 90° steps

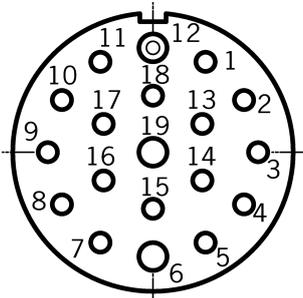
Multicode evaluation

Every suitable actuator is detected by the switch.

Guard locking type

CTP-L1 Guard locking actuated by spring force and power-ON released (closed-circuit current principle).

Connector 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	VT
	2	-	n.c.	RD
	3	-	n.c.	GY
	4	FO1A	Safety output, channel 1	RD/BU
	5	FO1B	Safety output, channel 2	GN
	6	UB	Operating voltage of AP electronics, 24 V DC	BU
	7	RST	Reset input	GY/PK
	8	OD	Door monitoring output	GN/WH
	9	OI	Diagnostic output	YE/WH
	10	OL	Guard lock monitoring output	GY/WH
	11	-	n.c.	BK
	12	FE	Functional earth (must be connected to meet the EMC requirements)	GN/YE
	13	-	n.c.	PK
	14	-	n.c.	BN/GY
	15	-	n.c.	BN/YE
	16	-	n.c.	BN/GN
	17	-	n.c.	WH
	18	IMM	Guard locking solenoid operating voltage, 0 V	YE
	19	0 V UB	AP electronics operating voltage, 0 V	BN