

LCA-4TR-50-1810-AP-156583 (Order no. 156583)

Light curtain LCA-4TR-50-1810

- ▶ Resolution 50 mm
- ▶ Protective field height 1810 mm
- ▶ Extended range 20 m
- ▶ LED indicator for weak signal
- ▶ With plug connector M12
- ▶ 2 safety outputs (OSSD)
- ▶ Installation material is included with the product



Protective function



Body protection (arms/legs)

LED function display



Transmitter



Receiver

- LED OK
- Normal operation
- LED ERROR
- Fault state
- LED STOP
- Stop state
- LED TEST
- Test function
- LED START
- Start/restart
- LED SIGNAL LOW
- Weak signal

Connector assignment, transmitter

Plug connector (view of connection side)	Pin	Designation	Function	Connecting cable conductor coloring
	1	24 V DC	Operating voltage, 24 V DC	BN
	2	RANGE 0	Device configuration, corresponds to the standard EN 61131-2	WH
	3	0 V DC	Operating voltage, 0 V DC	BU
	4	RANGE 1	Device configuration, corresponds to the standard EN 61131-2	BK
	5	FE	Functional earth (must be connected to meet the EMC requirements)	GY

Connector assignment, receiver

Plug connector (view of connection side)	Pin	Designation	Function	Connecting cable conductor coloring
	1	FO1A	Safety output, channel 1	WH
	2	24 V DC	Operating voltage, 24 V DC	BN
	3	FO1B	Safety output, channel 2	GN
	4	K1_K2/ RESTART	Feedback external contactors	YE
	5	SEL_A	Device configuration	GY
	6	SEL_B	Device configuration	PK
	7	0 V DC	Operating voltage, 0 V DC	BU
	8	FE	Functional earth (must be connected to meet the EMC requirements)	RD