

# light barrier

type: MSHC-450



picture alike

## MSHC-450

5009 0601 0000

Apr-21

- \_ high sensitivity
- \_ integrated electronics
- \_ robust metal housing
- \_ automatic dirt compensation
- \_ insensitive to ambient light
- \_ oil resistant connecting cable

## application range

position determination

punched tape loop

## technical data

feature	
voltage supply	24 V DC
max. current	350 mA
transmitter	24xIR-LED 905nm
receiver	phototransistor
aperature	24x round aperture diameter 1mm
housing	Alu, gold eloxiert
outputs	analog 0...+10V
resolution	0.4V per LED
analog signal bandwidth	1 kHz
scanning frequency	50 kHz
switching state indicator	LED green/red
connection	socket M12 4pin

## subject to change

TRsystems GmbH, system area  
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## ambient conditions

operating temperature range	-20 .. + 50°C
enclosure rating	IP 67
resistance to chemical substances	connecting cables oil resistant

## order data / types

type	description	order number
MSHC-450	frame light barrier	5009 0601 0000

## pin assignment

type	PIN 1 brown	PIN 2 white	PIN 3 blue	PIN 4 black
MSHC-450 transmitter	UB	n.c.	GND	n.c.
MSHC-450 receiver	UB	Ana 1	GND	Ana 2

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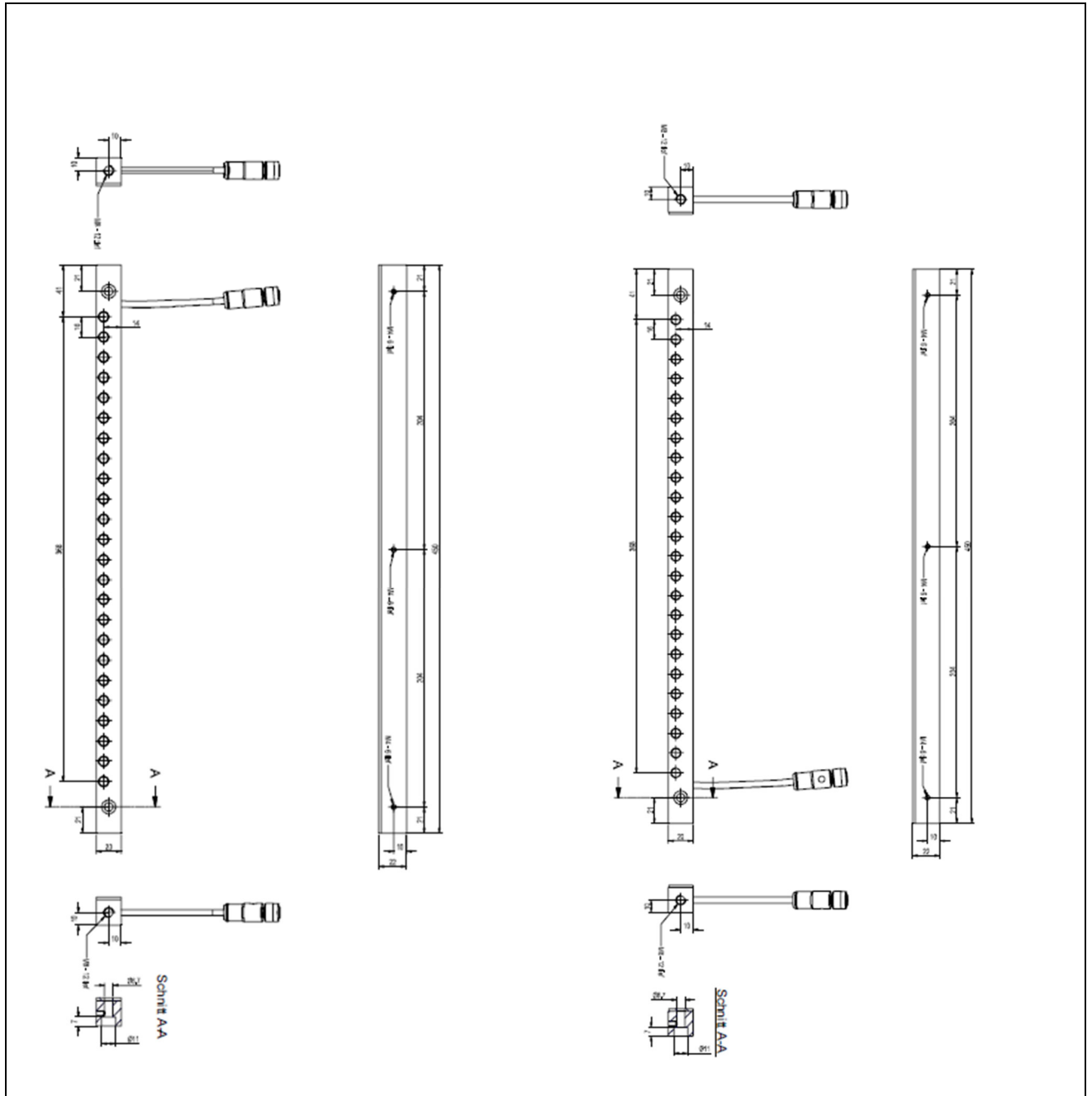
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## dimensions



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