

Reflection light scanner

ML4.1-8-400/40b/95/110

with M8, 4-pin metal connector

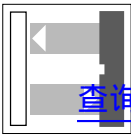


- ◆ Detection range 0 mm ... 400 mm
- ◆ Miniature design
- ◆ Push-pull output
- ◆ sensitivity adjuster

For suitable cable sockets, reflectors and mounting aids refer to chapter "accessories".

Date of issue: 10/2/01

Ordering code		ML4.1-8-400/40b/95/110
Detection range	0 ... 400 mm	◆
Adjustment range	150 ... 400 mm	◆
Light source	LED	◆
Light type	Red, alternating light	◆
Angle of divergence	approx. 10 °	◆
Diameter of the light spot	80 mm at 400 mm detection range	◆
Ambient light limit	80000 Lux	◆
Approvals	CE	◆
Standard conformity	EN 60947-5-2	◆
Operating display	LED, green Power on	◆
Function display	LED yellow, flashes when falling short of the stability control	◆
Controls	sensitivity adjuster	◆
Operating voltage	10 ... 30 V DC	◆
Ripple	10 %	◆
No-load supply current	25 mA	◆
Signal output	Push-pull output, short-circuit proof, protected against reverse polarity	◆
Switching type	light/dark switching	◆
Switching voltage	max. 30 V DC	◆
Switching current	max. 200 mA	◆
Switching frequency	500 Hz	◆
Response time	1 ms	◆
Ambient temperature	-20 ... 60 °C	◆
Storage temperature	-20 ... 75 °C	◆
Protection degree	IP65	◆
Connection type	4-pin, M8 connector	◆
Housing	ABS GV5	◆
Light exit	Glass	◆
Mass	15 g	◆



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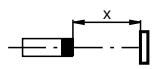
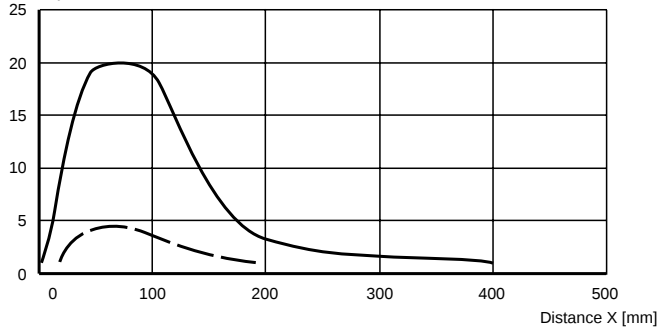
[查询"419117"供应商](#)

Diagrams

Relative received light strength

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Stability control

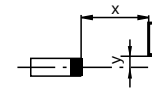
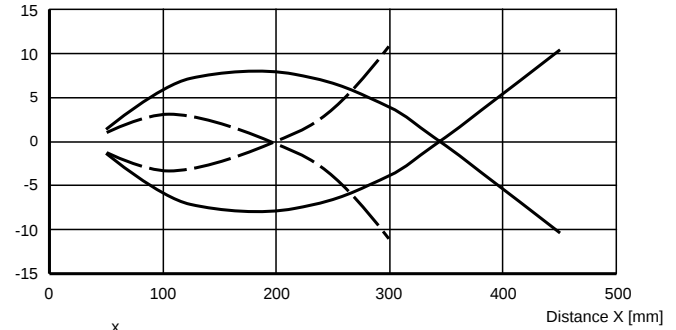


— white 90 %
- - - grey 18 %

Characteristic response curve

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Offset Y [mm]

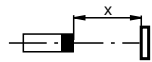
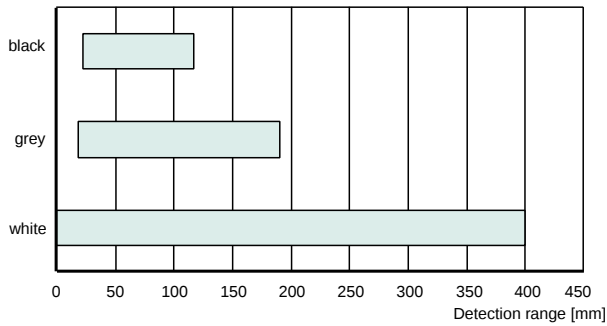


— white 90 %
- - - grey 18 %

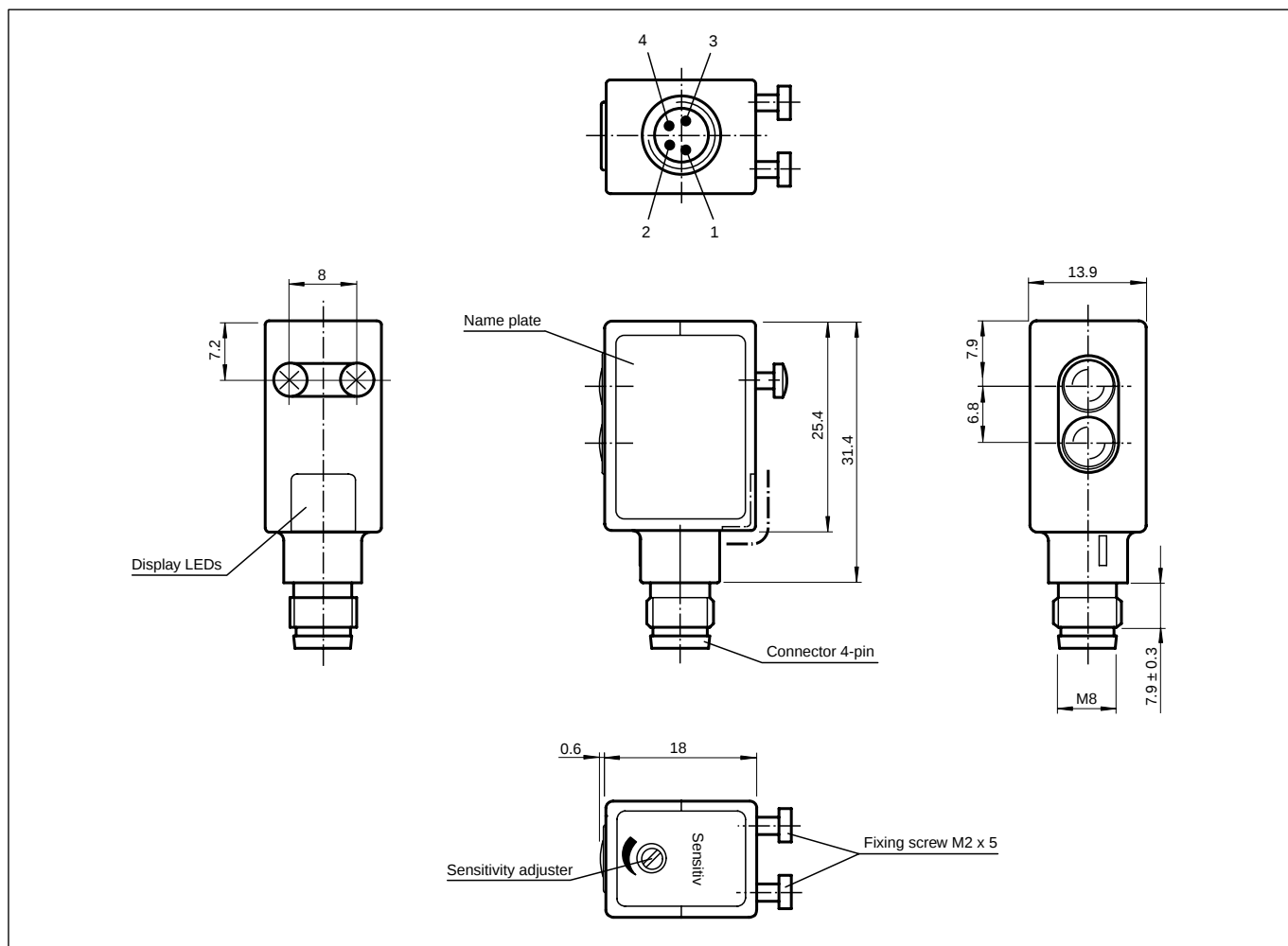
Detection ranges

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Object colour



Dimensions



Electrical Connection

