

COMING 2021



Description:

Laser ranging sensor, Laser source, metal housing. Can be displayed by LED and set by button, Multiple interfaces. Suitable for automobile manufacturing, equipment manufacturing, crane anti-collision, AGV and others.

Features:

- LED display + LED indicator
- Teach button setting
- Strong resistance to extreme light interference
- Compact size
- Analog, switch dual output

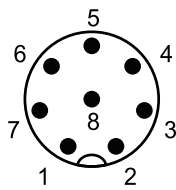
Type:

Type	Distance	Light source	Frequency	Output	Resolution	Connection	Wiring
OSM60-KL10V2BLIU6Q12.8/R	0.2-10m	Red Laser	— —	2×Push-Pull Analog mA/V	5mm	M12 connector	Fig.1

Technical Data:

Operating voltage	10-30VDC
Power	< 1W
Analog output	Voltage 0-10V, current 4-20mA
Switch output	2xPush-pull
Resolution(mm)	5mm
Preheat time	30min
Measurement accuracy	±5cm
Response time	20ms
Repeatability	1cm
Green LED is bright	Ready
Yellow LED flashes	Object detection, teaching
Housing material	Stainless steel
Spot size/distance	About φ2cm/10m
Ambient temperature	-20°C...+50°C
Connection	M12 connector
Protection class	IP67
Dimensions	68.5x69.7x37mm

Interface output:

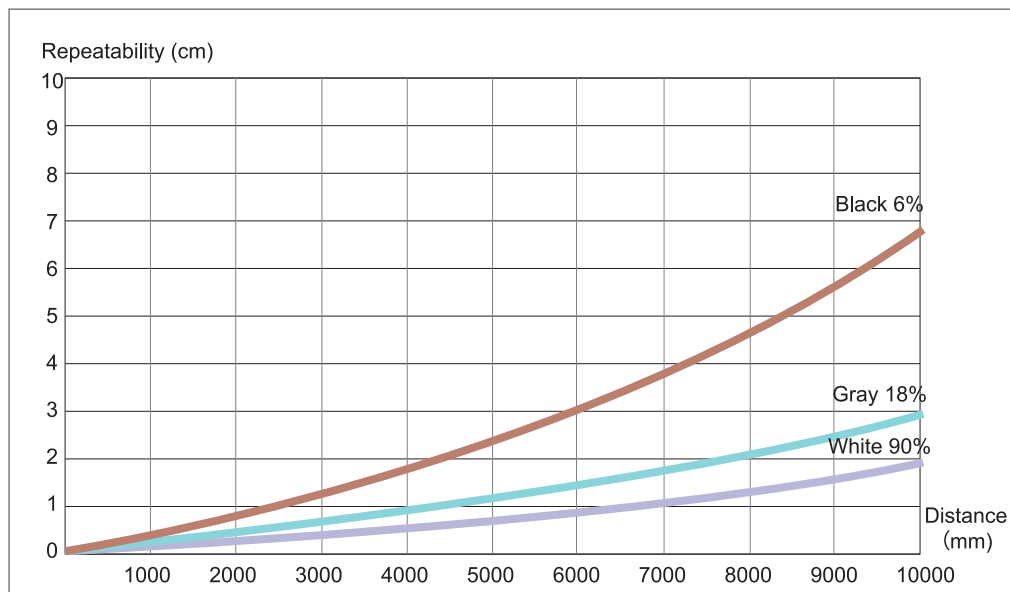


CO12.8-2/WS/P
2m connector
Fig. 1

Serial number	Wire color	Function
1	white	N/A
2	brown	10...30VDC
3	green	Q _x ANALOG OUTPUT(I)
4	yellow	Q1
5	grey	Q2
6	pink	Q _v ANALOG OUTPUT(V)
7	blue	0V
8	red	TRIGGER

Repeatability:

Repeatability (cm)
[white 90%, gray 18%, black 6%]



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