



SCANMEG

Type MD



Light-curtain scanner

- Simple alignment
- Watertight casing
- Up to 3000 scans/sec.
- Real-time visual display
- 3-position snap-in mounting bracket
- Quick disconnect industrial connector
- Analog, serial link and PNP / NPN outputs

Model	
STD	
LR	

Length	
12 in.	30 cm
24 in.	60 cm
36 in.	90 cm
⋮	⋮
⋮	⋮
126 ft.	38.40 m
127 ft.	38.70 m
128 ft.	39.00 m

Accuracy 0.250 in.

6 mm

Model

STD
LR

Length

12 in.	30 cm
24 in.	60 cm
36 in.	90 cm
:	:
:	:
126 ft.	38.40 m
127 ft.	38.70 m
128 ft.	39.00 m

Minimum Object

0.25 in. 6. mm

Power Supply

24 Volts DC

Operating Temperature

Min.: -40°F -40°C
Max.: 120°F 50°C

Current Consumption

MD24: 325 mA
MD48: 525 mA

Detection Range

STD: 25 ft 8 m
LR: 100 ft 30 m

Maximum Scan rate

(scans/sec.)

MD24: 1500
MD48: 1000

Output interface

Serial link RS232 / RS422
Analog 4-20 m (2X)
PNP and NPN

The MD scanner provides information on any object passing through its field of view. The MD scanner detects and measures objects. The unit can be used in a Photocell mode and a Scanning mode all in one with a resolution of 6.35 mm (1/4 inch) or 12.7 mm (1/2 inch). One can easily obtain the position and dimension of an object up to 100 foot range.

Type MD with a SIM-MD Module

Features: two analog 4-20 mA, serial RS 232 / RS 422 and NPN / PNP outputs for the detection area (dimension / position), completely sealed unit, quick disconnect industrial connector, operates up to a +/-10° misalignment between Emitter and Receiver, high-speed area detection, rugged enclosure. The module feedback LEDs provide real-time sensor state.

Sensor Interface Module for MD scanner (SIM-MD)

Using a rail-mount **SIM-MD module**, with its unique display and functions settings, one can adjust parameters according to the application's requirements without computer interface. Real-time access to:

- Scan Rate / Precision
- Adjustable Emitter Intensity
- Dim. / Pos. Bar Graph
- Minimum detectable size
- Imperial / Metric
- Latch time
- Debounce time



3-Position, Snap-in Mounting Bracket

The 3-position, snap-in mounting bracket, allows for a quick swap of photocells **in less than 5 seconds without any tools**. Further reducing machine and plant downtime.



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