



SCANMEG

Type HD



Light-curtain scanner

- Simple alignment
- Watertight casing
- Digital display of results
- Programmable metric or imperial unit
- LED detection status for each cell
- Opto-isolated outputs: analog and serial
- Parameters setting via remote control

| Model | |
|-------|--|
| HD | |
| LD | |

| Length | |
|---------|---------|
| 10 in. | 250 mm |
| 20 in. | 500 mm |
| 30 in. | 750 mm |
| ⋮ | ⋮ |
| ⋮ | ⋮ |
| 140 in. | 3500 mm |
| 150 in. | 3750 mm |
| 160 in. | 4000 mm |

0.040 in.

Accuracy

1 mm

Model

HD
LD

Length

| | |
|---------|---------|
| 10 in. | 250 mm |
| 20 in. | 500 mm |
| 30 in. | 750 mm |
| ⋮ | ⋮ |
| ⋮ | ⋮ |
| 140 in. | 3500 mm |
| 150 in. | 3750 mm |
| 160 in. | 4000 mm |

Minimum object

| | | |
|-----|-----------|------|
| HD: | 0.040 in. | 1 mm |
| LD: | 0.160 in. | 4 mm |

Power Supply

12 to 24 Volts DC

Operating Temperature

| | | |
|-------|-------|-------|
| Min.: | -40°F | -40°C |
| Max.: | 120°F | 50°C |

Current consumption

| | |
|--------|--------|
| HD500: | 675 mA |
| LD500: | 650 mA |

Detection range

| | | |
|-----|-------|-----|
| HD: | 16 ft | 5 m |
| LD: | 16 ft | 5 m |

Maximum Scan rate

(scans/sec.)

| | |
|--------|-----|
| HD500: | 802 |
| LD500: | 953 |

Output interface

| | |
|-------------|--------------|
| Analog | 4-20 ma (2x) |
| Serial link | RS-422 |

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The Type HD increases your productivity by measuring the dimension and position of an object with highest accuracy and speed unheard of until now.

With two analog outputs built into our different models, the interface with a PLC (programmable logic controller) has never been so simple. The first output gives the dimension and the second one the position of the object.

Model HD

The type HD scanner detects and measures objects with an unsurpassed 1 mm (0.040 inch) accuracy for a light-curtain scanner. Standard features include: Two analog 4-20 mA outputs, one serial link, completely sealed unit, military connectors, rugged enclosure designed for industrial environment and can operate up to a 10 degree misalignment between Emitter and Receiver.

Model LD

LD model has every HD model features but accuracy is 4 mm (0.160 inch). This allows one to select this scanner for a lower price when accuracy is not a major issue.

- Two operation modes
- Five scanning modes
- Digital display of results
- Visual status of each cell
- Remote control
- Conveyor calibration
- One RS-422 serial link
- Two analog 4-20mA outputs
- Two communication protocols
- Programmable minimum detectable object

Remote control



All parameters can be visualized or modified with a standard infrared remote control. Commands settings and diagnostics procedures are also accessible with the remote control. Interface, computer and serial link are no longer mandatory. All procedures can now be done at the scanner level.



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