

# Type SE

## Single-point laser scanner

For extended range

The Type SE is a single-point laser-measuring device. It measures the position in space of any fixed or moving object with precision and flexibility at an extended range. It allows the data acquisition to be independent of any kind of background. Several Type SE scanners installed side by side behave like a curtain of laser-points. This laser point curtain has the advantage of always having one of its laser points hitting the moving target without missing any data points.

With the beginning of the field of view at only 4 inches, the Type SE can be easily installed in the most difficult environment.



- Watertight casing
- Visible laser point
- 14-foot field of view
- Serial output: RS-232
- Simple PLC connection
- Can be used as a photocell
- Isolated Analog 4-20 mA output
- Field of view beginning at 4 inches
- Detect objects to a distance of 14½ feet
- Front and rear mounted 4 digit position

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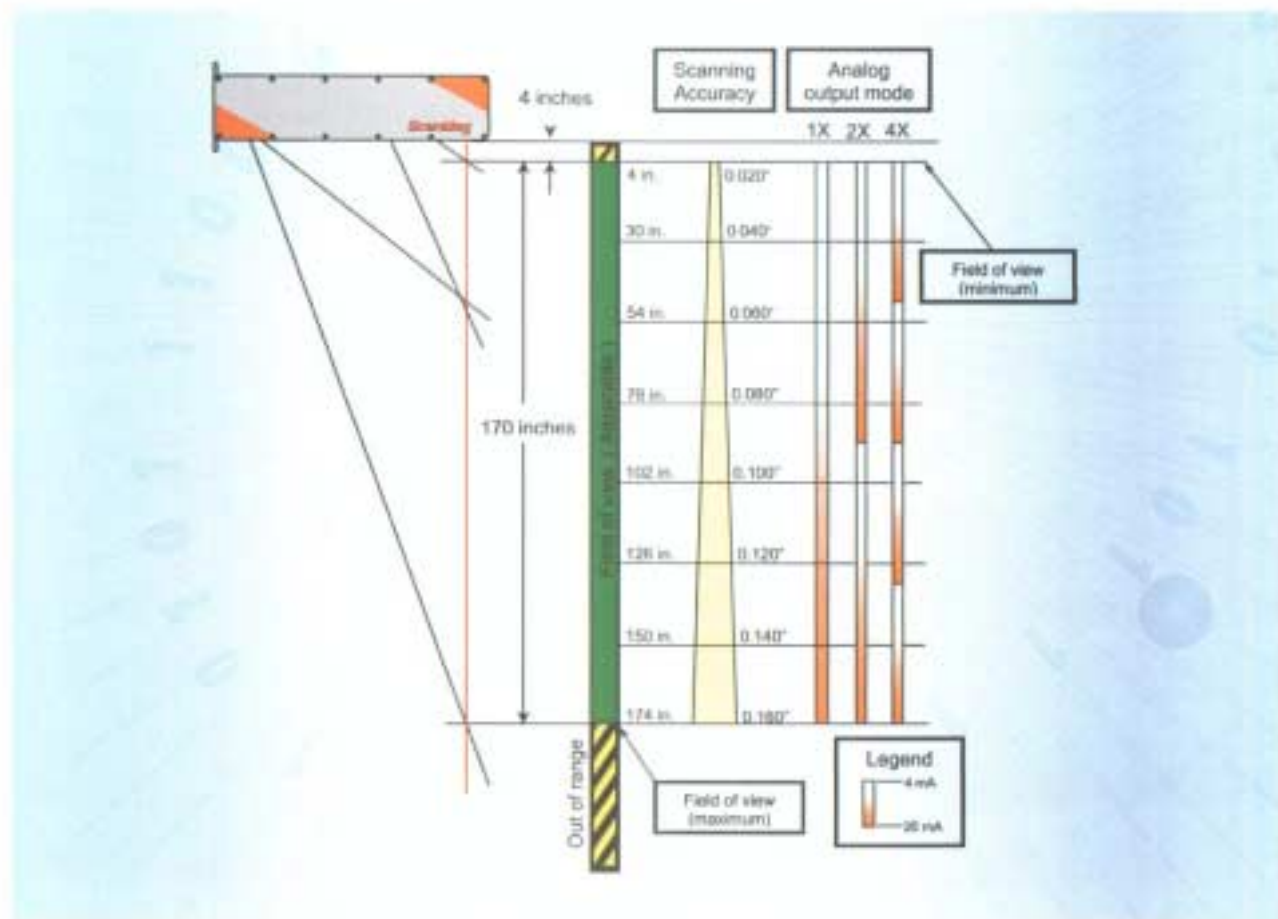
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- Visible laser beam
- Field of view of 170 inches
- Serial output in 0.01" increments
- Built-in Median or Average scanning mode
- Optional differential module (DIFF) gives the length of an object (requires 2 Type SE)



## Specifications

Scan rate :	300 Scans/Sec.
Beginning of field of view:	4 inches
End of field of view:	174 inches
Accuracy:	0.020 inch to 0.160 inch
Communication interface:	RS-232
PLC interface:	4-20 mA Isolated
Standard output (PNP):	Open Collector
Power supply :	12 to 24 volts DC
Current:	350 mA
Operating temperature range:	0°C to +50°C
Dimensions (L, W, H)	24.000" x 1.125" x 5.000"