

SCANMEG

Type SE



Extended range
single-point laser

- Visible laser point
- Watertight casing
- Adjustable field of view
- Rotational motion mounting bracket
- Serial link RS-232 and PNP output
- Opto-isolated analog 4-20 ma output
- Digital display of measured distance

0.01 in.

Accuracy

0.25 mm

Model
SE

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 10 cm (4 in.), the Type SE can be easily installed in the most difficult environment.

Maximum accuracy
0.01 in. 0.25 mm

Power supply
12 to 24 Volts DC

Operating Temperature
Min.: 14°F -10°C
Max.: 120°F 50°C

Maximum consumption
350 mA

Field of view
168 in. 4.25 m

Scan rate
(scans/sec.)
75 or 300

Output interface
Analog 4-20 ma
Serial link RS-232
PNP output

SE Model

The SE sensor has a field of view of 4.25 m. (168 in.) and a very small dead zone. Field of view starts at only 10 cm (4 in.) from the casing. This single-point laser is ideally suited to detect and measure object over a long range. Two scanning rates are available taking into account material's texture and traveling speed of the object to be measured.

- Two digital display of readings (front and back)
- Output mode: Direct, Median or Average (adjustable)
- Simple connection with a programmable logic controller (PLC)
- Compatible with GAGE and C-LINK modules
- Field of view starts at only 10 cm (4 in.) from casing

C-LINK Module

With the C-LINK module one integrates several laser point devices in a single system. A maximum mix of 10 laser point devices, type BBS, UltraS, SE or S, can be connected to this module. An Ethernet link gives fast access to the laser point devices connected to the module.



GAGE Module

The GAGE measuring system is a Thickness, Width or Length GAGE measuring device. Use any 2 single point-laser sensors in our program, connect them to the GAGE module, perform a simple, single-button calibration and you are now up and running, getting thickness, width or length data through a serial link or an analog a 4-20 mA output.



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