ScanMeg

Type T

0.004 in. Accuracy 0.1 mm

Transverse profile and length scanner

- **Simple alignment**
- **Watertight casing**
- **Single power supply**
- **Up to 4000 scans/sec.**
- **Daisy-Chain interconnection**
- **LED detection status for each cell**
- **Maximum of 16 sections per system**

Model
T
L

Section	
2 ft	60 cm

Maximum length	
32 ft	10 m

Model
T
L

Section
2 ft 60 cm

Maximum length
32 ft 10 m

Sensors spacing
1/4 in. 6.4 mm

Power supply
15 to 24 Volts DC

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

Maximum consumption
T : 750 mA per section
L : 750 mA per section

Detection Range
T : 4 ft 1.2 m
L : 4 ft 1.2 m

Maximum Scan rate (scans/sec.)
T : 4000
L : 1200

Output interface
Serial link
RS-422

The Type T is the fastest light curtain in its category available on the market. It is designed to simplify installation, operation and trouble shooting.

It is specially-designed to measure the edge and width of an object or for any other applications needing fast and accurate profile measurement. The scanner can also detect voids in an object (ex. veneer sheet in a composer line). It can be used to measure logs, boards, cants, veneer, metals, cartons, plastics or any opaque materials.

T Model

Calculates the profile and length of an object passing in its field of view. Each individual sensor, within the scanner, scans at a rate of 4000 scans/sec., thus a profile of a great accuracy is achieved. The length of the object is also found with a precision of 6.4 mm (1/4 in.).

L Model

This model is a simplified version of model T. It only detects and measures length of objects with an accuracy of 3.2 mm (0.125 in.).

DEC-S4 Module

The DEC-S4 module is used with this scanner to divide or multiply an encoder signal to obtain an ideal pulse speed for a given application environment. Also this module multiplexes an encoder signal into 4 separate outputs with different or identical voltage to be used simultaneously by several controllers.

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The Ultimate Sensor Company