

SCANMEG

Type BBS



Single-point laser

- Visible laser point
- Watertight casing
- Adjustable field of view
- Serial link RS-232 and PNP open collector
- Opto-isolated analog 4-20 ma output
- Can be used as a photocell
- Sensor status LEDs

Model
BBS4
BBS48

0.025 mm Accuracy 0.001 in.

Model

BBS4
BBS48

This scanner allows data acquisition to be independent of any kind of background. The BBS scans and measures any object present in its field of view. One can measure an object over a conveyor belt, a chain or any mechanical structure. Set the BBS in learn mode and the background disappears like magic. A unique analog 4-20 mA output makes this single-point laser the most user-friendly interface to a PLC on the market.

Maximum accuracy

BBS4

0.001 in. 0.025 mm

BBS48

0.006 in. 0.1 mm

BBS4 Model

The BBS4 model offers the highest accuracy of this product line. In order to achieve such a high degree of precision, the sensor has a smaller field of view than the BBS48. Accuracy can be as high as 0.025 mm (0.001 in.) and it is ideally suited for applications where very high accuracy is necessary.

Power supply

12 to 24 Volts DC

BBS48 Model

The BBS48 model offers a much longer field of view (12X) while maintaining very good accuracy. The field of view being so much longer than the BBS4 model, accuracy is slightly lower. Great accuracy along its field of view makes this scanner the most attractive in regards to its price.

Operating Temperature

Min.: 14°F -10°C

Max.: 120°F 50°C

- Output mode: Direct, Median or Average (adjustable)
- Parameters can be modified with the integrated keyboard
- Simple connection with a programmable logic controller (PLC)
- Compatible with GAGE and C-LINK modules

Maximum consumption

200 mA

Field of view

BBS4

4 in. 100 mm

BBS48

48 in. 1220 mm

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.



Scan rate

(scans/sec.)

300

Output interface

Analog 4-20 ma

Serial link RS-232

PNP output



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