

- Power supply 12 to 24 or 90 to 250VAC/DC
- Low cost
- Current or voltage input signals
- 30-dot LED bar-graph
- DIN 24 x 96mm
- DOT or BAR-indication
- Custom design bar-graph and scale available
- Transmitter supply 12 or 24VDC/40mA

DESCRIPTION

The BASI model BBI150 is a 'slim-sized' panel-mounting process indicator with 24x96 mm DIN front size. It is equipped with a 30-dot vertical LED bar-graph with 0 to 100% range and accepts linear voltage or current signals at its input. In combination with a level transmitter, BBI150 provides a convenient level indication. Moving DOT or moving BAR modes of bar-graph display are also available as well as custom bar-graph design.

Low priced, BBI150 with its useful features and slim front design can be widely applicable for a vast range of industrial solutions.

SPECIFICATIONS GENERAL

Construction : Panel design to standard
DIN 24 x 96mm

Wiring : Screw terminals at rear panel

Housing material : Plastic Black

Indication : 30-segment red or green LED
red, green, or yellow (2)

INPUT

Voltage : 0-10, 0-20, 0-50 or 100mV
0-1, 0-2, 0-5 or 0-10VDC

Custom Voltage : 0 to max 40V

Current : 0-20, 4-20mA,

Custom Current : 0 to max 100mA

INSTALLATION

Supply : 90 to 250V (3) or
12 to 24VAC/DC

Operating temp : -10 to +65°C

Storage temp : -20 to +80°C

Operating humidity : 85% RH max (non-condensing)

Mounting : Panel with bracket

Size : W24 x H96 x D125mm

Weight : 150g including bracket

Protection class : Front IP54 (IP65 option)
Screw terminals IP20

OUTPUT

Transmitter supply : 12 or 24VDC/40mA (1)


PERFORMANCE (% of span)

Accuracy : 3,33% FS

Temp coefficient : 0.02%/°C

Display : 30 LED dots, 2 mm wide
red, green, or yellow (2)

Scale : 0-100% or Custom design (2)

Power consumption : 4VA

EMC : EN 50081-1, EN 50082-2,
EN 61010-1

ORDER INFORMATION

BBI150

| SUPPLY | BARGRAPH | INPUT | PROTECTION |
|---------------|-----------------|-----------|------------|
| C 90-250V (3) | Z Specify | Z Specify | X IP54 |
| Q 12-24V | D1 Dot | DA 0-5mA | 1 IP65 |
| Isolated | D2 Bar | DB 0-20mA | |
| P 12-24V | Z Custom design | DC 4-20mA | |
| | | DE 0-10mV | |
| | | DF 0-20mV | |
| | | DG 0-50mV | |
| | | DH 0-1V | |
| | | DI 0-2V | |
| | | DJ 0-5V | |
| | | DK 0 10V | |

(1) Provides loop supply voltage - 24 VDC (only w/ isolated power supply)

(2) Specify when ordering!

(3) Ask for availability!