

- Low cost
- Digital LED display plus 50-dot bar-graph
- Variants with linear or 240° arc bar-graph
- Well protected from electromagnetic disturbances
- Moving DOT/BAR modes available
- Auxiliary input for display brightness control
- Custom design bar-graph and scale available

DESCRIPTION

The BBI66 bargraph indicator has a digital display and a LED bargraph. The digital display shows the exact value of the measured variable and the LED bargraph indicates the input value as a percentage of the input range. This provides more convenient "analog" readings. There are two variants of BBI66, with bar graph in the shape of a 240-degree arc resembling a traditional pointer and dial gauge (variant 'B') and a linear horizontal bar graph (variant 'D'). Both variants have a custom-made tag on the front panel with the measured value physical unit. Moving DOT or moving BAR modes of bar-graph display are also available as well as custom bar-graph design. Display brightness can be controlled by using an auxiliary DC input. Low-priced BBI66 indicators are widely applicable in boat building, power plants and other industrial areas.

TECHNICAL SPECIFICATIONS

Construction : Panel design to standard
DIN 96 x 96 or 144 x 72mm

Wiring : Screw terminals at rear panel

Housing : Plastic Black

Isolation : Input to supply

Indication : 50-segment red LED
3,5-digit Red LED

INPUT

Voltage : 0-10-100mV, 0 - 1, 0-2, 0-5, 0 - 10VDC
(max 40VDC)

Current : 0-20, 4-20, 0-5mA (max 50mA)

Indication : -1999 to +1999

Decimal : x 1, 0,1, 0,01, 0,001 specify

Brightness : 0 to max 24VDC (option)

OUTPUT

Transmitter supply : 12 (24) V/40mA

INSTALLATION

Supply : 90-250VAC/DC or 24VAC/DC

Ambient temp : -10 to +65°C

Storage temp : -20 to +80°C

Humidity : 85% RH max (non-condensing)

Mounting : Panel with bracket

Dimension : B 96 x H96 x D120mm type B
B 144 x H72 x D105mm type D

Weight : 500g



PERFORMANCE

Linearity error : < ±0.1%

Accuracy error : < ±0.2%

Indication : 50-segment red LED,
3,5-digit red LED

Power consumption : 4VA

EMC : 73/23/EEC & 89/336/EEC
EN 50081-1, EN 50082-2, EN 61010-1, EN 6100-4-2,
EN 6100-4-4, EN 6100-4-5, EN 6100-4-6, EN 6100-4-11



ORDER INFORMATION

BBI66	SUPPLY	BARGRAPH	DECIMAL
B Arched	Z Specify	Z Specify	B 1
D Linear	A 230VAC	D1 Dot	C 0,1
	C 90-250VAC/DC	D2 Bar	D 0,01
	D 24VDC	E NPN	E 0,001
	P 24VAC/DC	J Ext.SSR	

INPUT

DZ Specify

DA 0-5mA

DB 0-20mA

DC 4-20mA

DE 0-10mV

DF 0-20mV

DG 0-50mV

DH 0-1V

DI 0-2V

DJ 0-5V

DK 0-10V

BRIGHTNESS CONTROL

X None

BC Brightness