

Dixson Bargraph Meters/Controllers



BW051P

BK051P

- Fit Standard Switchboard Cutouts
- Red, Green or Amber LED Bar
- Precise 4 Digit Readout
- Underrange/Overrange Indication
- On/Off Control via Setpoint Relays
- Isolated Retransmit Option
- Transducer Excitation Supply
- Minimum 88,000 hour MTBF
- Two Year Warranty

ORDERING INFORMATION

To Order—Insert Code for Each Letter to Select Catalog Number
Order Example: BBVRR1RAY1VDL1BX

A B C D E F G H I J K L M N O

A Basic Unit		Basic Unit	
BB	BB101P	BW	BW051P
BC	BB202P (101 Segments each side)*	BK	BK051P
B Bargraph Orientation			
H	Horizontal (BP101P Only)	V	Vertical
C Bargraph Color			
A	Amber	R	Red (Standard)
G	Green	S	Mixed (BW051/BK051 Only)
		T	Tricolor
D 4-Digit Display			
X	None	G	Green
A	Amber	R	Red (Standard)
E Decimal Location			
1	000.0	3	0.000
2	00.00	X	0000
F Setpoint Options (Must be ordered with Alarm Setpoint) (G)			
X	None	A	Amber
R	Red (Standard)	G	Green
G Alarm Setpoint (Must be ordered with Setpoint Option (F))			
X	None	L	Low/Low
H	High/High	A	High/Low
H Program Switches			
X	None	Y	Yes (Standard)
I Primary Power			
1	115 VAC	4	24 VDC
2	230 VAC	6	12 VDC
5	5 VDC	8	48 VDC
J Signal Inputs			
A	Amperes	M	Milliamperes
B	Millivolts	O	Other
C	Degrees C	U	Microamperes
F	Degrees F	V	Volts
K Signal Type			
A	AC	D	DC
		O	RTD or TC
L Signal Linearity			
L	Linear	Q	Square Root
X	Non-linear (TC, RTD, custom)		
M Special Options			
X	None	1	Isolated 2-wire retransmit
3	Auxiliary supply	A	AC/DC converter (for AC in)
B	DC amp (for <1V FS in)	R	RTD in
J	Type J TC in	K	Type K TC in
E	Type E TC in	S	Combination of the above
N Bar Start			
B	Bottom	C	Center
T	Top		
O Terminals/Conformal Coating			
X	Standard/none	Y	Standard/coated
B	Barrier strip terminals	E	End cap
S	Combination of the above		

SPECIFICATIONS

Input Ranges:

DC Volts	50mV to 250V
DC Current	50mA to 250mA
AC Volts	250mV to 250V
AC Current	1mA to 5A
Thermocouple	J, K, T, E
RTD	Pt 100
DC Accuracy:	±0.04% of span ±1d
AC Accuracy:	±0.5% of span, above 5% of range
Digital Display:	4 digit LED, 0.01% resolution
Enclosure:	Plastic, UL94 V0 or V1
Setpoint Relays:	Form C, 0.4A@125VAC, 2A@30VDC
Setability:	0.1%, with 1.0% hysteresis
Operating temperature:	0 to 60°C
Power:	115/230VAC, 50/60/400Hz, 4VA/channel DC power available
Line Regulation:	±10%
BB101P, BB202P	Bar Segments: 101 Dimensions: 2.16"W x 6"H x 5.8"D Panel Cutout: 1.77" x 5.7" Orientation: Vertical or horizontal
BW051P	Bar Segments: 51 Dimensions: 4.625" x 4.625" x 6.7"D Panel Cutout: 4" dia ANSI switchboard
BK051P	Bar Segments: 51 Dimensions: 3.82"W x 11.25"H x 7.10"D Panel Cutout: 1.77" x 5.7"

*Specify both sides for BB202P