















Programmable Bargraphs from AMETEK Dixon

																
Feature	BB101P	BB202P	BK051P	BW051P	BG101P	BG202P		BJ101P	BJ202P	BS101P	BS202P	BL101P	BL202P	BT033P	BT071P	BTW71P
Data Sheet Number	071-40208	071-40209	071-40211	071-40210	071-40212	071-40212		071-40213	071-40213	071-40267	071-40267	071-40312	071-40312	071-40111	071-40265	071-40204
Number of LED Bar Segments	101	2 x 101	51	51	101	2 x 101		101	2 x 101	101	2 x 101	101	2 x 101	33	71	71
Bezel Dimensions, Height x Width in inches (Includedudes Trim Bezel)	6.00 x 2.16	6.00 x 2.16	11.25 x 3.62	4.625 sq. in.	7.00 x 1.90	7.00 x 1.90		72 mm x 144 mm	72 mm x 144 mm	72 mm x 144 mm	72 mm x 144 mm	7.00 x 2.00	7.00 x 2.00	54.9 mm x 103 mm	11.25 x 3.62	4.625 sq. in.
Trim Bezel Kit	Included	Included	Included		Option ¹	Option ¹										Included
Horizontal Orientation	Option	Option ²	Option ²		Option ²	Option ²		Option ²	Option ²	Option ²	Option ²	Option ²	Option ²	Option	Option ²	
Front Panel, One-Person Mounting	Yes	Yes						Yes	Yes	Yes	Yes	Yes	Yes	Yes		
Enclosure Material	Plastic	Plastic	Plastic	Plastic	Metal	Metal		Metal	Metal	Metal	Metal	Metal	Metal	Metal	Plastic	Plastic
4-Digit Display with True Minus Sign	Option	Option	Option	Option	Included	Included		Option	Option	Option	Option	Option	Option	Included	Option	Option
Tri-Color Bar Display ³														Included	Included	Included
Mixed Color Bar Display			Option	Option										Included	Included	Included
Green or Amber Bar Display	Option	Option	Option	Option	Option	Option		Option	Option	Option	Option	Option	Option	Included	Included	Included
Front Panel Programming Switches (three)	Included		Included	Included	Included ⁷	Included ⁷		Included	Included	Included	Included	Included	Included	Included	Included	Included
Number of Set Points (Option)	3	3	3	3				3	3	3	3	3	3	3	3	3
Number of Output Relays (Option)	3	3	3	3				2	2	2	2	2	2	2	3	3
DC Input Power ⁴ (5, 12, 24, 48)	Option	Option	Option	Option	Option	Option		Option	Option						Option	Option
Connector Type	SC	SC	SC	SC	PE	PE		SC/MS	SC/MS	SC/BS	SC/BS	SC/BS	SC/BS	SC/BS	SC	SC
AC Input Signals	Option	Option	Option	Option				Option	Option			Option	Option		Option	Option
Thermocouple/RTD Input	Option	No	Option	Option				Option	Option	Option	Option	Option	Option	Option	Option	Option
Auxiliary Power Supply, 24 VDC Output ¹⁰	Option		Option	Option				Option	Option			Option	Option		Option	Option
4/20 mA DC Retransmission, 2-wire isolated ¹⁰	Option		Option	Option				Option	Option			Option	Option		Option	Option
RS 422 Serial Data Comm. (Hart Protocol)	Option		Option	Option				Option	Option			Option	Option		Option	Option
NEMA Front Cover Kit ⁵	Option	Option														
Nuclear Class I (1E) ⁸ available as:	SA101P	SA202P			SH101P	SH202P		SN101P	SN202P	SS101P	SS202P	SL101P	SL202P	ST033P		
Nuclear Class II (seismic only) ⁸ available as:	BA101P	BA202P			BH101P	BH202P		BN101P	BN202P	AS101P	AS202P	AL101P	AL202P	AT033P		

Legend:

- Option: Available at additional cost
- : Not available or not applicable
- SC: Detachable screw compression
- PE: Pluggable edge card (mating connector not supplied)
- MS: Military style (optional)
- BS: Barrier strip (optional)

Standard features on all models include 115/230 VAC input power, DC input signals, and input signal linearization⁶.

***Notes:**

1. One set is required per individual or gang-mounted group.
2. Digital display is not available with this option.
3. Tri-color digital display is not available, you must choose red, green, or amber.
4. Charge applies only to 12/24/48 VDC models.
5. P/N 243-55158, see data sheet #074-40156
6. Eighth-order polynomial (nine terms) up to 1,500 data points
7. Program switches are not accessible from front.
8. Audited by NUPIC
9. Conformal coating is optional on all models (acrylic "Humiseal 1B31" material to IPC 820).
10. This option is available only with AC-powered units.