

																		
Feature	BE051	BE101	BB101P	BB202P	BK051P	BW051P	BG101P		BG202P	BJ101P	BJ202P	BS101P	BS202P	BL101P	BL202P	BT033P	BT071P	BTW71P
Data Sheet Number	071-40215	40214	40208	40209	40211	40210	40212		40212	40213	40213	40267	40267	40312	40312	40111	40265	40204
Number of LED Bar Segments	51	101	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
Programmable	No	No	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bezel Dimensions, Height x Width in inches (Includes Trim Bezel)	6.60 x 1.39	6.60 x 1.39	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			INCL	INCL	INCL		Option ¹		Option ¹								INCL	
Horizontal Orientation	INCL	INCL	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	Yes	Yes	Yes		
Enclosure Material	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Metal		Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Plastic	Plastic
4-Digit Display with True Minus Sign		Option ³	Option	Option	Option	Option	INCL		INCL	Option	Option	Option	Option	Option	Option	INCL	Option	Option
Tri-Color Bar Display ⁴																INCL	INCL	INCL
Mixed Color Bar Display	Option				Option	Option										INCL	INCL	INCL
Green or Amber Bar Display	Option	Option	Option	Option	Option	Option	Option		Option	Option	Option	Option	Option	Option	Option	INCL	INCL	INCL
Front Panel Programming Switches (three)			INCL		INCL	INCL	INCL ⁹		INCL ⁹	INCL	INCL	INCL	INCL	INCL	INCL	INCL	INCL	INCL
Number of Set Points (Option)	3	3	3	3	3	3			3	3	3	3	3	3	3	3	3	3
Number of Output Relays (Option)	3 ⁵	3 ⁵	3	3	3	3			2	2	2	2	2	2	2	2	3	3
Power Requirements (Standard)	+5VDC	+5VDC	115/230	115/230	115/230	115/230	115/230		115/230	115/230	115/230	115/230	115/230	115/230	115/230	115/230	115/230	115/230
DC Input Power ⁶ (5, 12, 24, 48)			Option	Option	Option	Option	Option		Option	Option	Option						Option	Option
Connector Type	E	E	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			Option	Option		Option	Option
DC Input Signals	INCL	INCL	INCL	INCL	INCL	INCL	INCL		INCL	INCL	INCL	INCL	INCL	INCL	INCL	INCL	INCL	INCL
Thermocouple/RTD Input			Option	No	Option	Option			Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Auxiliary Power Supply, 24 VDC Output ¹²			Option		Option	Option			Option	Option				Option	Option		Option	Option
4/20 mA ADC Retransmission, 2-wire isolated ¹²			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 ⁷			Option	Option														
Input Signal Linearization ⁸			INCL	INCL	INCL	INCL	INCL		INCL	INCL	INCL	INCL	INCL	INCL	INCL	INCL	INCL	INCL
Nuclear Class I (1E) ¹⁰ available as:			SA101P	SA202P			SH101P		SH202P	SN101P	SN202P	SS101P	SS202P	SL101P	SL202P	ST033P		
Nuclear Class II (seismic only) ¹⁰ available as:			BA101P	BA202P			BH101P		BH202P	BN101P	BN202P	AS101P	AS202P	AL101P	AL202P	AT033P		

Legend:

- INCL: Included in price
- Option: Available at additional cost
- : Not available or not applicable
- E: Solder edge card standard, screw compression optional (P/N 224-32195)
- SC: Detachable screw compression
- PE: Pluggable edge card (mating connector not supplied)
- MS: Military style (optional)
- BS: Barrier strip (optional)

All bargraphs come with a full two-year guarantee.

***Notes:**

1. One set is required per individual or gang-mounted group.
2. Digital display is not available with this option.
3. 3-digit display without true minus sign
4. Tri-color digital display is not available, you must choose red, green, or amber.
5. External board P/N 592-38050
6. Charge applies only to 12/24/48 VDC models.
7. P/N 243-55158, see data sheet #074-40156
8. Eighth-order polynomial (nine terms) up to 1,500 data points
9. Program switches are not accessible from front.
10. NUPIC-Audited
11. Conformal coating is optional on all models (acrylic "Humiseal 1B31" material to IPC 820).
12. This option is available only with AC-powered units.

AMETEK®

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