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Find the *GE / Bently Nevada 90120-01-02* at our website: *Click HERE*

Display Modules
90110, 90120, and 90380

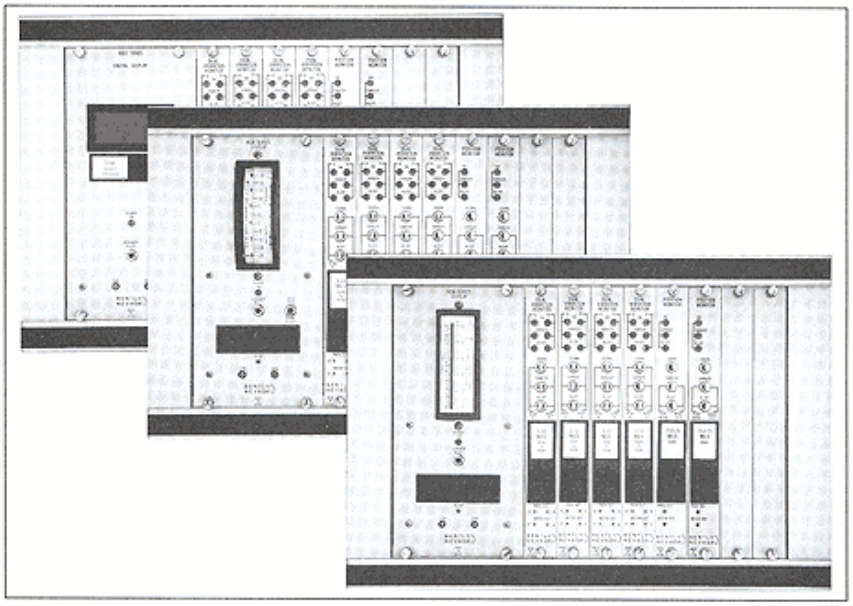
The choice of displays for your system's unique requirements

Bently Nevada offers three different displays for the 9000 power supplies: Digital, Electromechanical, and LED.

The display modules offer a common readout for all channels in a monitor rack. The modules consist of a front panel with a meter, buffered Keyphasor® output terminated at pin tip jacks, and associated electronic components. The panel also provides access to the power supply. The display is activated from a Channel Read switch on each monitor.

The 90110 Digital Display uses a 3 ½-digit, 7-segment LED display. The 90120 Electromechanical Display uses an analog meter and can be used in all applications. The 90380 LED Segment Bargraph Display can also be used in all applications.

Displays are available in English and metric scales. A High Read Vibration option is available for the 90120 and 90380 modules only.



90110, 90120, and 90380 Display Modules

Specifications

ACCURACY

90110:

Accuracy: ±1 Count (least significant digit at +25°C).

Resolution: ±1° Celcius scale. ±1° Fahrenheit scale. ±1% scale.

90120 and 90380:

Accuracy: ±0.5% maximum at full-scale.

Tracking Error: ±2.0% of full-scale maximum.

DISPLAYS

90110: Digital.

90120: Electromechanical.

90380: LED Segment Bargraph.

HAZARDOUS AREA APPROVALS

BASEEFA: The 90110 and 90120 Display Modules are certified for use in Zone 2, Ex N II, T5 and T4 environments. Order Part Number BA 90110 and/or BA 90120.

CSA: All of the above Display Modules are certified for use in Class 1, Division 2, Groups A, B, C and D environments. Order Part Numbers CA 90110, CA 90120, and/or CA 90380.

PHYSICAL

Space Requirements: 4 rack positions.

Ordering Information

90110 Digital Display Module
(7-Segment LED)

Option Description

□□ Display Range Option

01 0 to 100°C
02 0 to 150°C
03 0 to 200°C
04 0 to 250°C
05 0 to 500°C
21 0 to 200°F
22 0 to 300°F
23 0 to 400°F
24 0 to 500°F
25 0 to 1,000°F
45 0 to 100%

Electromechanical Display Module

	A	B
90120-	□□	- □□

Option Description

A □□ High Read Option

01 Without high read
02 With high read. Available only for systems with vibration monitors.
03 With 2X trip multiply.
04 With 3X trip multiply.

B □□ Display Range Option

01 0 to 100°C
02 0 to 150°C
03 0 to 200°C
04 0 to 250°C
05 0 to 500°C
21 0 to 200°F
22 0 to 300°F
23 0 to 400°F
24 0 to 500°F
25 0 to 1,000°F

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Display Modules
90110, 90120, and 90380

45 0 to 100%
46 Dual 0 to 100%/100 to 0 to 100%
51 0 to 5 mils peak to peak
52 0 to 3 mils peak to peak
53 0 to 10 mils peak to peak
54 0 to 15 mils peak to peak
55 0 to 20 mils peak to peak
65 0 to 125 µm peak to peak
66 0 to 80 µm peak to peak
67 0 to 250 µm peak to peak
68 0 to 400 µm peak to peak
69 0 to 500 µm peak to peak
70 0 to 1 in/sec peak
71 0 to 100 µm peak to peak
72 0 to 200 µm peak to peak
73 0 to 150 µm peak to peak

Note: Two and three ranges are available on one display as a product modification. For more information, please contact your Bently Nevada sales representative.

LED Display Module
(Segment Bargraph)

	A	B
90380 -	□□	- □□

Option Description

A □□ High Read Option
01 Without high read
02 With high read. Available only for systems with vibration monitors.

B □□ Display Range Option
01 0 to 100°C
02 0 to 150°C
03 0 to 200°C
04 0 to 250°C
05 0 to 500°C
21 0 to 200°F
22 0 to 300°F
23 0 to 400°F
24 0 to 500°F
25 0 to 1,000°F
45 0 to 100%
46 Dual 0 to 100%/100 to 0 to 100%
51 0 to 5 mils peak to peak
52 0 to 3 mils peak to peak
53 0 to 10 mils peak to peak
54 0 to 15 mils peak to peak
55 0 to 20 mils peak to peak
65 0 to 125 µm peak to peak
66 0 to 80 µm peak to peak
67 0 to 250 µm peak to peak
68 0 to 400 µm peak to peak
69 0 to 500 µm peak to peak
70 0 to 1 in/sec peak
71 0 to 100 µm peak to peak
72 0 to 200 µm peak to peak
73 0 to 150 µm peak to peak

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