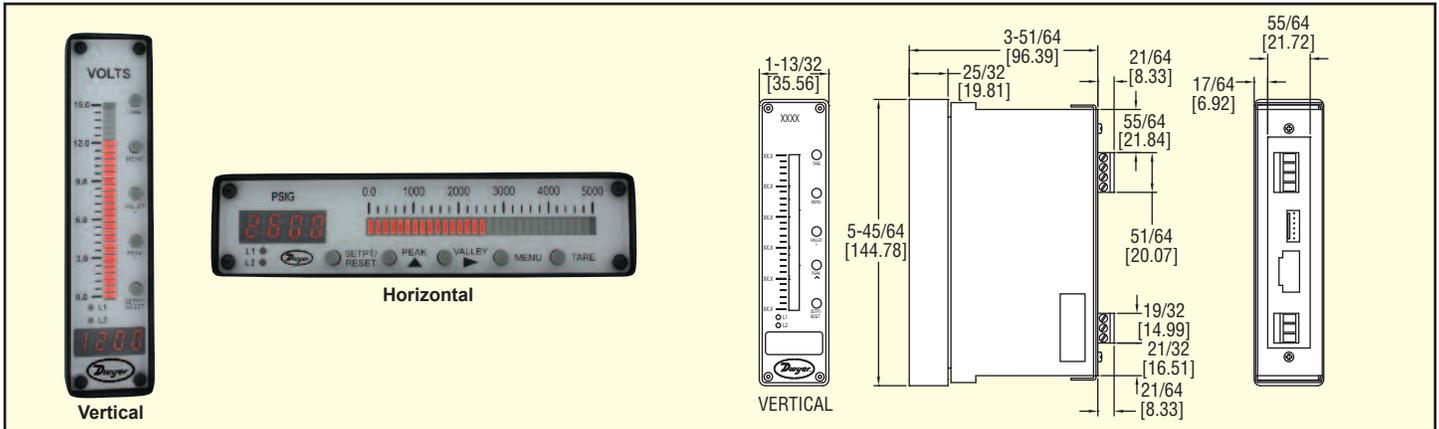




Series
BGM

Bar Graph Meter

Clear Relative Position & High Resolution In One



The Series BGM Digital Bar Graph Meter is extremely durable and can replace a wide range of analog meters. The 4-digit display will significantly reduce the potential for human error in reading by eliminating errors commonly produced by the viewing angle when reading analog meters. This series has a key pad that allows for easy access of features without complex menu structures. With the combined ability to create a wide range of custom faceplate and the optional NEMA 4X bezel, the Series BGM can be used in a variety of applications. The LED bar graph adds a visual indicator of the measured value so that it can be visually analyzed, preventing accidents or system failures from happening.

SPECIFICATIONS

- Inputs:** 0 to ± 10 VDC or 4 to 20 mA.
- Accuracy:** $\pm 0.05\%$ FS.
- Power Requirements:** 120 VAC 50/60 Hz, 5 to 12 VDC, or 10 to 30 VDC model dependent.
- Power Consumption:**
 - 120 VAC: 2.4 W @ 20 mA max;
 - 5 to 12 VDC: 1.2 W @ 100 mA max;
 - 10 to 30 VDC: 1.5 W @ 50 mA max.
- Display:**
 - LED Display: 4 red colored digits, 0.3" height;
 - LED Graph: 31 element bar, 0.2" W x 3.1" L (5.08 mm W x 78.74 mm L).
- Decimal Point:** 3 positions, user selectable.

Temperature Limits:

- Operating: -13 to 176°F (-25 to 80°C);
- Storage: -67 to 176°F (-55 to 80°C).
- Enclosure Rating:** NEMA 1 or NEMA 4X†, model dependent IP65 front.
- Electrical Connections:** Removable screw terminal blocks.
- Outputs:** 2 SPST relay outputs (optional).
- Switch Rating:** 1 A @ 200 V.
- Enclosure Material:**
 - Bezel: Black epoxy enameled steel;
 - Window: Acrylic;
 - Case and Mounting Bracket: 304 SS.
- Time Delay:** 0.5 sec.
- Weight:** 40 oz (1.13 kg).

Example	BGM	H	0	0	N	W	D	AE	AA	BGM-H00-NWD-AE-AA
Series	BGM									Bar Graph Meter
Orientation		H V								Horizontal Vertical
Enclosure Rating			0 4							None NEMA 4X†
Relays				0 2						None 2 Relay Outputs
Voltage Retransmission					N E					None Voltage Retransmission
Power Supply						W S D				120 VAC 50/60 Hz 5 to 12 VDC 10 to 30 VDC
Signal Input							D A			0 to ± 10 VDC 4 to 20 mA
Scale Label*								AE AF AH AI AM AZ		Feet FPM Inches w.c. Inch/sec Level Tank Level
Scale Range*								AO AQ AT AV AW AX AZ BA		0 to 5 0 to 10 0 to 20 0 to 30 0 to 40 0 to 50 0 to 75 0 to 100

*Note: Contact factory for additional options.

† NEMA 4X option requires A-BGM-RPM for programming.

ACCESSORY

A-BGM-RPM, Remote Programmer Module