

# BAR GRAPH METERS

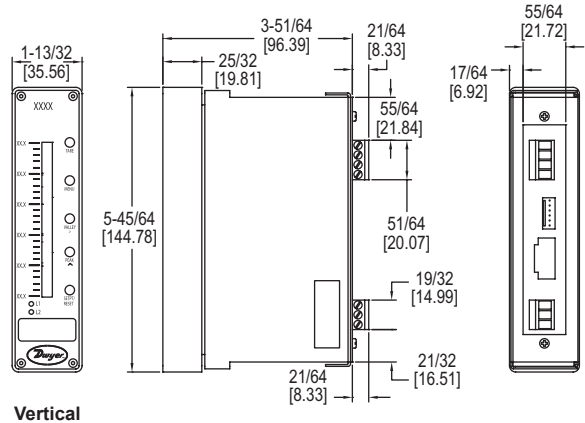
## Clear Relative Position and High Resolution In One



Vertical



Horizontal



Vertical

The **Series BGM Bar Graph Meters** are durable options to replace a wide range of analog meters. This product utilizes a keypad that allows for easy access of features without navigating through complex menu structures. The LED bar graph can be used in addition to the 4-digit LED display, which adds a visual indicator of the measured value for better analysis.

**FEATURES/BENEFITS**

- Bar graph visual indicator
- High resolution for better precision
- Many configurable options to design a meter for any need

**APPLICATIONS**

- Visual location and indication of flow, level or air velocity

ACCESSORIES	
Model	Description
A-BGM-RPM	Remote programmer module

SPECIFICATIONS	
<b>Inputs:</b> 0 to ±10 VDC or 4 to 20 mA.	<b>Temperature Limits:</b> Operating: -13 to 176°F (-25 to 80°C); Storage: -67 to 176°F (-55 to 80°C).
<b>Accuracy:</b> ±0.05% FS.	<b>Enclosure Rating:</b> NEMA 1 or NEMA 4X**, model dependent IP65 front.
<b>Power Requirements:</b> 120 VAC 50/60 Hz, 5 to 12 VDC, or 10 to 30 VDC model dependent.	<b>Electrical Connections:</b> Removable screw terminal blocks.
<b>Power Consumption:</b> 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.	<b>Outputs:</b> 2 SPST relay outputs (optional).
<b>Display:</b> 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).	<b>Switch Rating:</b> 1 A @ 200 V.
<b>Decimal Point:</b> 3 positions, user selectable.	<b>Enclosure Material:</b> Bezel: Black epoxy enameled steel; Window: Acrylic; Case and mounting bracket: 304 SS.
	<b>Time Delay:</b> 0.5 s.
	<b>Weight:</b> 40 oz (1.13 kg).

\*\*NEMA 4X option requires A-BGM-RPM for programming

Panel Meters/  
Indicators

MODEL CHART										
Example	BGM	-H	0	0	-N	W	D	-AE	-AO	BGM-H00-NWD-AE-AO
<b>Series</b>	BGM									Bar graph meter
<b>Orientation</b>		H V								Horizontal Vertical
<b>Enclosure Rating</b>			0 4							None NEMA 4X**
<b>Relays</b>				0 2						None 2 relay outputs
<b>Voltage Retransmission</b>					N E					None Voltage retransmission
<b>Power Supply</b>						W S D				120 VAC 50/60 Hz 5 to 12 VDC 10 to 30 VDC
<b>Signal Input</b>							D A B			0 to ±10 VDC 4 to 20 mA 0 to 5 VDC
<b>Scale Label*</b>								AE AF AH AI AM AZ		Feet FPM Inches w.c. Inch/sec Level Tank level
<b>Scale Range*</b>									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

\*Contact factory for additional options

\*\*NEMA 4X option requires A-BGM-RPM for programming