

# BAR GRAPH INDICATORS

## 1/8 AND 1/16 DIN MODELS

### BG18 Series



BG18-1-P1, shown actual size.



BG18-4-P7, shown actual size.

- ✓ Process Voltage/Current Input
- ✓ Visualizes Percentage Reading of Flow, Level, Pressure, Temperature, pH/Conductivity
- ✓ Bright, 30-Segment LED Bar Graph Display
- ✓ Dual-Alarm (BG18-3) Models
- ✓ Unipolar and Bipolar Ranges

BG18 Series bar graph indicators can be mounted either vertically or horizontally and provide a dynamic analog visualization of any type of process parameter that can be transmitted to the indicator via a process voltage or current input. Their large, bright, 30-segment LED displays are particularly well suited for applications in which readings must be taken at a distance. Each unit includes a faceplate for vertical mounting. For horizontal mounting an optional faceplate is required.

### SPECIFICATIONS

#### Offset and Span:

Adjustable by trimmers

#### Alarms:

**BG18-3:** Dual setpoint adjustable high or low

**Alarm Relay:** One SPDT relay for each setpoint rated 2 A @ 250 Vac

**Bar Graph Display:** 30-segment LED

#### Power:

**BG18-1, -3:** 110 Vac, 50/60 Hz standard; 220 Vac, 15 to 30 or 24 to 65 Vdc optional

**BG18-4, -5:** 16 to 30 Vdc

**Case:** Black ABS plastic, DIN 43700

#### Dimensions:

**BG18-1, -3:** 96 H x 48 W x 117 mm D

(3.78 x 1.89 x 4.61")

**BG18-4, -5:** 96 H x 24 W x 70 mm D

(3.78 x 0.95 x 2.76")

#### Panel Cutout:

**BG18-1, -3:** 44.5 x 92.5 mm (1.75 x 3.64")

**BG18-4, -5:** 21.5 x 92.5 mm (0.85 x 3.64")

**Connections:** Push-on connectors with screw terminals

### To Order

MODEL NO.	DESCRIPTION
<b>BG18-1-(* )</b>	1/8 DIN bar graph indicator
<b>BG18-3-(* )</b>	1/8 DIN bar graph indicator, dual-alarm setpoint
<b>BG18-4-(* )†</b>	96 x 24 mm bar graph indicator, unipolar input
<b>BG18-5†</b>	96 x 24 mm bar graph indicator, bipolar center zero; ±10 Vdc input

\* Specify input code for desired input/range.

† Standard power supply for **BG18-4** and **BG18-5** is 24 Vdc (16 to 30 Vdc non-isolated).

INPUT CODE	INPUT	AVAILABLE INPUTS BY RANGE		
		BG18-1	BG18-3	BG18-4
<b>P1</b>	0 to 100 mVdc	Y	Y	-
<b>P2</b>	0 to 1 Vdc	Y	Y	-
<b>P3</b>	0 to 10 Vdc	Y	Y	Y
<b>P4</b>	0 to 100 Vdc	Y	Y	-
<b>P5</b>	0 to 1 mA	Y	Y	-
<b>P6</b>	0 to 20 mA	Y	Y	Y
<b>P7</b>	4 to 20 mA	Y	Y	Y

#### POWER SUPPLY OPTIONS—BG18-1 and BG18-3 ONLY

ORDERING SUFFIX	DESCRIPTION
—	110 Vac, 50/60 Hz
<b>-220</b>	220 Vac, 50/60 Hz
<b>-15/30</b>	15 to 30 Vdc isolated
<b>-24/65</b>	24 to 65 Vdc isolated

#### ACCESSORY

MODEL NO.	DESCRIPTION
<b>DPP-5</b>	1/8 DIN panel punch
<b>BG18-DIN-HOR</b>	Horizontal scale for BG18-1 or -3
<b>BG18-HOR-U</b>	Horizontal scale for BG18-4
<b>BG18-HOR-B</b>	Horizontal scale for BG18-5

Comes complete with operator's manual.

**Ordering Examples:** **BG18-3-P7**, bar graph indicator with dual alarm setpoints and 4 to 20 mA input.

**BG18-1-P3**, bar graph indicator with 0 to 10 Vdc input.