**BAR GRAPH INDICATORS**

**1/8 AND 1/16 DIN MODELS**

**BG18 Series**

- 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**
--- | ---
BG18-1(*) | 1/8 DIN bar graph indicator
BG18-3(*) | 1/8 DIN bar graph indicator, dual-alarm setpoint
BG18-4(*)† | 96 x 24 mm bar graph indicator, unipolar input
BG18-5† | 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**
--- | --- | ---
P1 | 0 to 100 mVdc | Y | Y | -
P2 | 0 to 1 Vdc | Y | Y | -
P3 | 0 to 10 Vdc | Y | Y | Y
P4 | 0 to 100 Vdc | Y | Y | -
P5 | 0 to 1 mA | Y | Y | -
P6 | 0 to 20 mA | Y | Y | Y
P7 | 4 to 20 mA | Y | Y | Y

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

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

**ACCESSORY**

**MODEL NO.** | **DESCRIPTION**
--- | ---
DPP-5 | 1/8 DIN panel punch
BG18-DIN-HOR | Horizontal scale for BG18-1 or -3
BG18-HOR-U | Horizontal scale for BG18-4
BG18-HOR-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.