

BAR GRAPH INDICATORS

1/8 AND 1/16 DIN MODELS

BG18 Series



BG18-1



BG18-4

- ✓ 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		
		BG18-1	BG18-3	BG18-4
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.