

# BF6400 SINGLE & DUAL CONCENTRIC BARGRAPHS



## Features:

- Two Complete Bargraph Units in One Case
- Replaces Foxboro 6400HC Indicators
- High Resolution 101 Segment Bars
- 3½ or 4½ Digit LED Displays
- Wide Selection of Inputs
- Alarm, Retransmit & SCADA Output Options

The BF6400 family of Bargraph Meters provide either one or two channels of signal conditioning and display in a rugged metal case. For maximum flexibility, each channel is configured separately and operates totally independently. These units provide large, bright displays to replace Foxboro mechanical indicators or other large analog gauges. In addition to replicating the Foxboro 0-50mA DC input, a wide selection of DC, AC, temperature and frequency inputs can be ordered. Adjustable setpoints and up to four relay outputs provide the capability for control and alarm based on signal level. Custom scales can be specified to duplicate existing gauge markings.

The front panel has no operator accessible controls, so configuration settings cannot be accidentally changed. Either the digital interface or optional Attachable Button Station can be used to setup or reconfigure each channel. The digital displays provide precise measurements of process parameters. The optional analog retransmit can be used for remote display or connection to a plant SCADA system. The BF6400 provides many other features of the popular Weschler BG252, including adjustable bar zero location, bar span, digital decimal point, digital full scale and flashing overrange.

## Key Specifications

Outer Bar:	101 segment Red, Green or Amber LED, 5" (127mm) dia.
Inner Bar:	101 segment Red LED, 3.5" (89mm) dia.
Digital Display:	7 Segment LED, 0.4" (10mm) high, color matches bar. 3½ digit resolution 0.1% of full scale. 4½ digit resolution 0.01% of full scale.
Input Sensitivity:	50µA-5ADC, 50mV-250VDC, 50mA-5AAC, 1-250VAC. Line frequency 55-65Hz, Freq 50-20kHz.
Input Overload:	200%, not to exceed 250V or 10A.
Setpoint Relays:	2 or 4 Form C, single pole (SPDT) Normally Open contacts: 5A@250VAC or 28VDC, resistive. Normally Closed contacts: 3A@250VAC or 28VDC resistive.
Connections:	Phoenix style standard (mating connectors supplied), terminal strips optional.
Dimensions:	
Front Bezel:	6-7/16"W x 7-1/8"H (164x181mm), protrudes 1/2".
Case:	5-15/16"W x 6-1/8"H (143x156mm).
Depth:	6-5/8" (168mm) behind panel; add 1/2" (13mm) for connectors.
Operating Temperature:	0 to 50°C, <95% RH, non-condensing.
Storage Temperature:	-40°C to 85°C.
Weight:	5.2 lbs. (2.36kg)

See BG Series Edgewise data sheet for more complete input specifications.



Mounting hardware attaches to top & bottom or sides

