

## WE100 Barometric Sensor

Rugged Barometric Pressure Transmitter



### Features

- Accurate 4-20 mA output
- Marine grade cable with strain relief

### Description

Global Water's highly accurate WE100 Barometric Pressure Sensor covers a pressure range from 800 to 1100 mb (23.6 to 32.5 Hg). The transmitter is fully temperature compensated within an operating range of -40° to 65°C. It is attached to 25' of marine grade cable, with lengths up to 500' available upon request. The sensor's output is 4-20 mA with a two wire configuration, which, like all of our 4-20 mA sensors, is compatible with Global Water's GL500 Global Logger and PC300 Process Controller.

### Specifications

Output	4-20 mA
Range	800 to 1100 mbar, 23.6 to 32.5 inHg
Accuracy	± 1% full scale
Linearity/Hysteresis	± 0.1%
Operating Voltage	10 to 36 VDC
Current Draw	Same as sensor output
Warm-up Time	3 seconds minimum
Operating Temperature	-40° to +55°C
Sensor Size	3 x 2 x 1" (7.6 x 5.1 x .5 cm)
Weight	0.13 lb (59 g)

### Ordering & Options

Order No.	Description
WE100	Barometric Pressure Sensor (includes 25' cable)
WGEXC	Extra Sensor Cable, per foot (up to 500')

### Regional Distributor



**Global Water**  
*The Leader in Water Instrumentation*

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