

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

803, Riqqa Palace Building
Al-Maktum Ave. opposite Deira Etisalat
P.O.Box 181802 Dubai, UAE
Tel: +9714 - 2270081
Fax: +9714 - 2239962
E-mail: rcsco@eim.ae
www.rcs-co.com

RCS
Rabbit Control Systems
Automation & Control Engineering