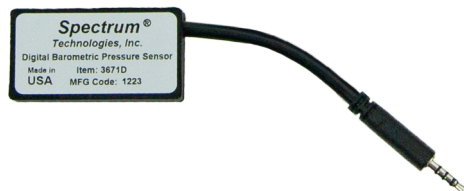


WatchDog® Digital Barometric Pressure Sensor Product Manual

Item #3671D



Thank you for purchasing a WatchDog Digital Barometric Pressure Sensor. This is a digital sensor with pressure and temperature measurement based on proven sensing principles that is suitable for most environments.

The sensor must be used inside WatchDog 3000 Weather Station enclosures to assure protection from direct exposure to the weather. The 2.5mm plug connects to any of the station's available external ports.

Note: This sensor is not compatible with 3200 Model Stations manufactured prior to 2/1/24.

Methods to configure the 3000 Station:

- WatchDog App: Select "Barometric Pressure (3671D)" for Port Configuration
- SpecWare: Select "Bar Press Digital" for port option (Do not select "Bar Press" or "Bar Press XRange")
- SpecConnect: Select "Barometric Pressure (3671D Digital)" for Port Setting

SPECIFICATIONS	RANGE	ABSOLUTE ACCURACY
3671D Digital Barometric Pressure Sensor	8.86in-Hg to 36.92in-Hg 2.25mm-Hg to 937mm-Hg 300hPa to 1250hPa (mbar)	±0.03in-Hg ±0.76mm-Hg ±1.0hPa
Resolution	0.001inHg/0.025mmHg/0.034hPa	
Drift (Per Year)	±0.005inHg/±0.12mmHg/±0.16hPa	
Sampling Rate	20 Seconds	
Operating Humidity Range	1% to 100%	
Operating Temperature Range	-20°F to 140°F (-29°C to 60°C)	
Operating Voltage	2.8V to 5.0V	
RoHS Compliant	Yes	

