

## 110-WS-16 BP Barometric Pressure Sensor

The NovaLynx **110-WS-16BP Barometric Pressure Sensor** uses piezoresistive technology to sense changes in atmospheric pressure. The 0 to 5 volt output signal represents a span of 2.5 inHg (85 mb). An elevation offset adjustment allows this sensor to be installed at altitudes up to 10,000 feet (3048 meters).

The sensor must be installed in a vented, rain-tight enclosure, or mounted indoors.

### Features

- Economical and accurate
- Elevation compensation to 10,000 feet
- 0-5 volt output



Type	Piezoresistive
Range	28.25 to 30.75 inHg (956.6 to 1041.3 mb)
Measurement span	2.50 inHg (85 mb)
Resolution	$\pm 0.01$ inHg or $\pm 0.3$ mb
Altitude offset	0 to +10,000 feet, screwdriver adjustable
Absolute Accuracy	0.05 inHg (2 mb)
Supply voltage	10 to 18 Vdc
Output voltage	0 to 5 Vdc = 2.5 inHg (85 mb) span
Cable	Tinned leads, 24 AWG, 18" (0.6 m)
Dimensions	2.1" x 2.1" x 1.5" ( 53 x 53 x 38 mm )
Operating conditions	Not temperature compensated. Avoid temperature extremes for best accuracy.
Enclosure	ABS plastic
Weight / Shipping	1 lbs (0.45 kg) / 2 lbs (0.91 kg)

### Ordering Information

110-WS-16BP Barometric Pressure Sensor