

**YOUNG**

**Model 61202 Barometric Pressure Sensor**

*The New Model 61202 Barometric Pressure Sensor offers unparalleled performance and flexibility for atmospheric pressure measurement.*

The barometer is available in two configurations to satisfy a variety of applications; Model 61202V offers 0-5 VDC output, 61202L offers a 4-20 mA current output. Both models offer serial output in addition to the analog signal.

The barometer is housed in a weatherproof molded case. Cable connections are inside. A U-bolt mounting is supplied for easy attachment to towers and masts. For outdoor installation, use of Model 61002 Pressure Port is recommended. The Pressure Port minimizes dynamic pressure errors due to wind.



**Barometer and Pressure Port**

**Specifications**

**Operating Range:**  
 600-1100 hPa (17.7 – 32.5 inHg)

**Output Signal:**  
 0-5 VDC (61202V)  
 4-20 mA (61202L)  
 Serial RS232/RS485 (all models)

**Operating Temperature:**  
 -50 to +60°C

**Accuracy:**  
 ±0.3 hPa (.01 inHg) @ 20°C  
 ±1.0 hPa (.03 inHg) over temperature range

**Power Requirement:**  
 10 to 30 VDC, 10 mA

**Dimensions:**  
 118mm (4.6 in) W x 73mm (2.8 in) H x 54 mm  
 (2.1 in) D excluding mounting

**Weight:**  
 0.6 kg (1.3 lb)

**Other:**  
 Sea-level offset

**Ordering Information**

**MODEL**

BAROMETRIC PRESSURE SENSOR, 0-5 VDC .....	61202V
BAROMETRIC PRESSURE SENSOR, 4-20 mA .....	61202L
PRESSURE PORT WITH OFFSET BRACKET .....	61002