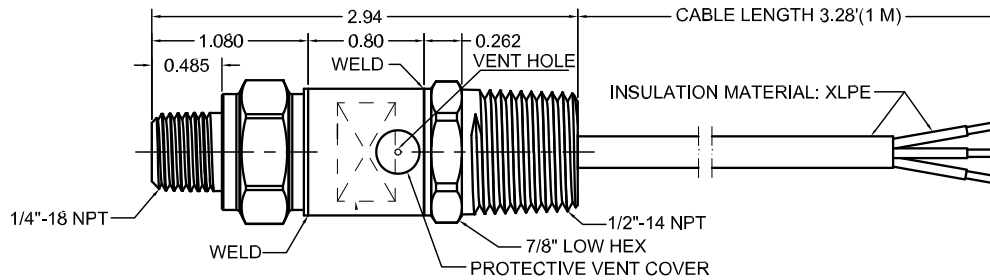


# Pressure Sensor 0 to 500 and 0 to 3000 PSIS



## Datasheet

Model	Description	Connection
BWA-PRESSURE-SENSOR-500	Includes pressure sensor PS1S500; 0–500 psi range; sealed gauge; 1/4"-18 NPT port	1 meter cable
BWA-PRESSURE-SENSOR-3000	Includes pressure sensor PS1S3000; 0–3000 psi range; sealed gauge; 1/4"-18 NPT port	



NOTE: PROTECTIVE VENT COVER AND VENT HOLE ONLY FOR GAGE SENSOR.

Wire Color	Description
brown (bn)	Supply +
blue (bu)	Supply -
green (gn)	Output

### Specifications

#### Supply Voltage

9 V dc to 30 V dc

#### Current Consumption

< 3 mA

#### Pressure Range

Proof: 2X FS

Burst: 3X FS

#### Output

0 V dc to 5 V dc

#### Fatigue Life

More than 4 million cycles

#### Accuracy

± 1.0% BFS

#### Stability

± 0.25% per Year

#### Pressure Port

1/4"-18 NPT

#### Construction

304 SS housing; 17-4PH SS wetting material

Media is compatible with 17-4PH SS

#### Electrical Connection

Conduit Fitting with Cable

#### Temperature

Compensated: 0 °C to 85 °C (32 °F to 185 °F)

Operating: -40 °C to 125 °C (-40 °C to 257 °F)

#### Environmental Rating

IEC IP65

#### Zero/Span Offset Tolerance

± 2.5% FS

