

## BWA-PRESSURE-Sensor Models

Model	Measurement Range	Description	Connection
BWA-PRESSURE-SENSOR-50	0–50 PSI	Includes pressure sensor PS1G50; gauge; 1/4"-18 NPT port	1 meter (39.36") cable with a 4-pin M12 male quick disconnect connector
BWA-PRESSURE-SENSOR-150	0–150 PSI	Includes pressure sensor PS1G150; gauge; 1/4"-18 NPT port	
BWA-PRESSURE-SENSOR-500	0–500 PSI	Includes pressure sensor PS1S500; sealed gauge; 1/4"-18 NPT port	
BWA-PRESSURE-SENSOR-3000	0–3000 PSI	Includes pressure sensor PS1S3000; sealed gauge; 1/4"-18 NPT port	

## BWA-PRESSURE-SENSOR Wiring

4-pin M12 Male Quick Disconnect Connector	Pin	Wire Color	Description
	1	brown (bn)	Supply +
	2	green (gn)	Output
	3	blue (bu)	Supply -
	4		Not used / No connection

## BWA-PRESSURE-SENSOR 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

Transducer: ±1.0% BFSL

Transducer and Node: ±1.4% FS

### Stability

± 0.25% per Year

### Pressure Port

1/4"-18 NPT

### Construction

Housing: 304 stainless steel

Wetted material: 17-4PH stainless steel

### Connection

1 m (39.36") cable with a 4-pin M12 male quick disconnect connector

### Electrical Connection

Conduit Fitting with Cable

### Zero/Span Offset Tolerance

± 2.5% FS

### 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

IP65

### Certifications



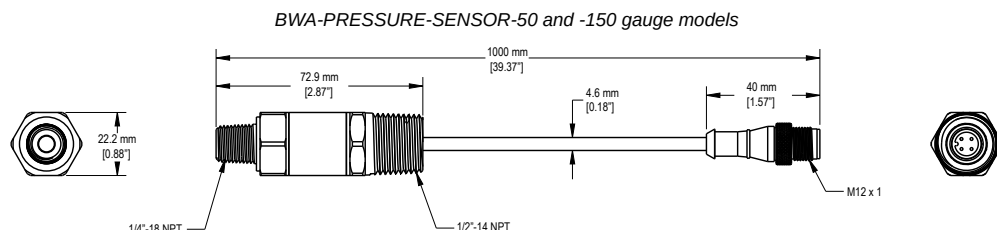
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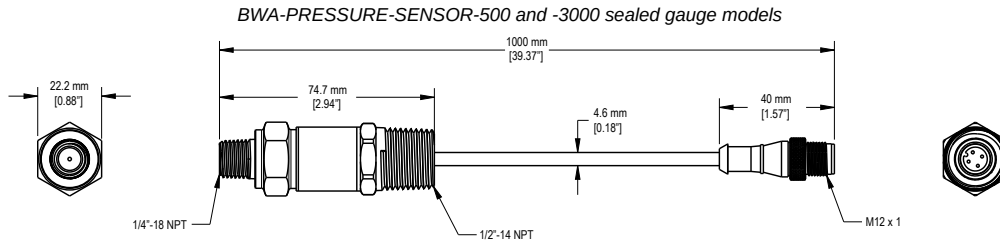


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GREAT BRITAIN

## BWA-PRESSURE-SENSOR Dimensions

All measurements are listed in millimeters, unless noted otherwise.





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