

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	
BWA-PRESSURE-SENSOR-150	0-150 PSI	Includes pressure sensor PS1G150; gauge; 1/4"-18 NPT port	4
BWA-PRESSURE-SENSOR-500	0-500 PSI	Includes pressure sensor PS1S500; sealed gauge; 1/4"-18 NPT port	1 meter (39.36") cable with a 4-pin M12 male quick disconnect connector
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	1	brown (bn)	Supply +
2	2	green (gn)	Output
4	3	blue (bu)	Supply -
3	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



Banner Engineering BV Park Lane, Culliganlaan 2F bus 3 1831 Diegem, BELGIUM

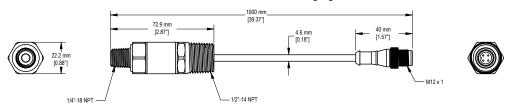


Turck Banner LTD Blenheim House Blenheim Court Wickford, Essex SS11 8YT GREAT BRITAIN

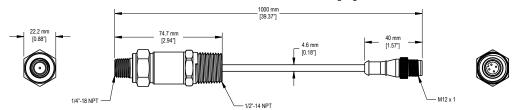
BWA-PRESSURE-SENSOR Dimensions

All measurements are listed in millimeters, unless noted otherwise.

BWA-PRESSURE-SENSOR-50 and -150 gauge models



BWA-PRESSURE-SENSOR-500 and -3000 sealed gauge models



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