



Madison Company can engineer hydrostatic pressure sensor designs for liquid level applications. To request this, your specific requirements must be defined below to help us determine both the technical and economic requirements for your application.

Company: _____ **Name:** _____

Address: _____

Phone: _____ **Email:** _____

Fluid Type: _____ **Est. Annual Sensor Purchase QTY:** _____

Environment

Application

Indoor Outdoor Mobile Haz. Location Other _____

Feet to PSI

Indoor _____ (1 ft. of water = 12" H₂O = 0.4335 PSI; multiply 0.4335 by the span to be measured within your vessel)

PSI Range

0-100 0-50 0-30 0-20 0-15 0-10 0-7.5 0-5 0-2.5 Other _____

Pressure Fitting

1/4" NPT Male 1/8" NPT Male 1/2" NPT Male 1/4" NPT Female 1/8" NPT Female

7/16-20 UNF Male 7/16-20 UNF Female 9/16-18 UNF Male 1/4" BSP Male

F250C Female Autoclave

Pressure Range _____ Type PSIG PSIS Bar Inches H₂O kg/cm²

Vibration Shock Low High Humidity Low High Accuracy _____

Media _____

Ambient Temperature MIN _____ MAX _____ Media Temperature MIN _____ MAX _____

Submersible Transducer? YES Cable Length _____ Type _____ Jacket Hytrel Kynar Other _____

Turbulent media? YES If yes, added weight required for stability _____

Wetted Material 17/4 PH 316 SS 304 SS Inconel 718 Titanium Hastaloy Plated Brass Other _____

Agency Approvals (i.e. UL, NSF) _____

Electrical

Output 0-50 mV 0.5-4.5 VDC 1-5 VDC 4-20 mA 1-6 V 0-5 V, 3-wire 0-5 V, 4-wire 1-6 kHz Other _____

Supply Voltage 5 VDC 10 VDC 0-30 VDC

Electrical Connection

Cable, 2 ft Cable, 4 ft Cable, 6 ft Cable, 10 ft Bendix 6 pin 2 ft with conduit

4 ft with conduit 6 ft with conduit 10 ft with conduit 2 ft 18 AWE wires 4 ft 18 AWE wires 2 meter AWE wires

Packard Metripack 150 Other _____

Please attach any drawings to the email generated by this form, or email them directly to info@madisonco.com. If sending a drawing or other attachment, please indicate the file name here: _____

More specification questions follow on the next page.

Project

Unit Volume (annual; minimum qty. may apply) _____ Prototype Quantity Required _____

Packaging/Labeling _____

Pricing Target _____

Design Completion Date _____

First Delivery Date _____

Additional Information or Custom requests

SUBMIT



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