



# PR Series Specification Sheet

## Level Pressure Sensor

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.

Customer: \_\_\_\_\_ Contact Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone No.: \_\_\_\_\_ Fax No.: \_\_\_\_\_ E-mail: \_\_\_\_\_

**ENVIRONMENT**

Application:  Indoor  Outdoor  Mobile  Hazardous Location  Other: \_\_\_\_\_

Feet to PSI: \_\_\_\_\_ (1 ft. of water = 12" H<sub>2</sub>O = 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 H<sub>2</sub>O  kg/cm<sup>2</sup>

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  No If yes, added weight required for stability: \_\_\_\_\_

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

Agency Approvals (i.e. UL, NSF): \_\_\_\_\_

PS

**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  10-30 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: \_\_\_\_\_

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**Madison**® *Sensor solutions for today and the future™*

**Madison Company**  
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 www.madisonco.com • E-mail: info@madisonco.com

**DESIGN**

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!



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PROJECT

Unit Volume (annual; minimum qty. may apply): \_\_\_\_\_ Prototype Quantity Required: \_\_\_\_\_  
 Packaging/Labeling: \_\_\_\_\_  
 Pricing Target: \_\_\_\_\_  
 Design Completion Date: \_\_\_\_\_  
 First Delivery Date: \_\_\_\_\_

NOTES

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PS



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