

Mensor provides a collaborative environment where customers can choose from existing sensor / transducer designs, or work in conjunction with our design engineers to fulfill exact specifications in accuracy, configuration and packaging. We provide specific solutions for specific requirements.

## Application

Our standard sensor / transducer packages are applied in flow and pressure calibrators, high throughput sensor manufacturing, wind tunnel monitoring, and calibration systems for consumer electronics and others. Customization beyond the standard products has extended their use into portable process pressure calibration, pressure controllers, leak testing, geophysical monitoring and many other more obscure and surprising applications.

## Design

The choice is yours. A large selection of existing designs and packaging options are available in addition to custom design and packaging. The choice of range, accuracy, communication, signal output, media compatibility, connections and material of construction are up to you. We seek to fulfill your pressure measurement needs with the specific components that will provide unmatched performance and accuracy. You and your customers will be delighted.

Custom sensor / transducer packages can be specified by you and designed in collaboration with our engineering staff. Each detail of the specification is reviewed for feasibility and approved by you.



## Standard Sensor Packages



### Spec. Overview

**Range:** 10 in. H<sub>2</sub>O to 6000 psi  
**Accuracy:** 0.01% IS-50 & 0.01% FS  
**Cal Stability:** 365 days  
**Com:** RS232 or RS485  
**Housing:** Aluminum

### Key Features

- High accuracy
- Long calibration stability
- Metric or SAE mounting threads
- Lightweight Aluminum housing
- Digital / Analog communication



### Spec. Overview

**Range:** 7.5 to 6000 psi  
**Accuracy:** 0.02% FS  
**Cal Stability:** 180 days  
**Com:** RS232 or RS485  
**Housing:** 303 & 316 SS

### Key Features

- High accuracy
- Pneumatic or Hydraulic media
- Stainless Steel housing
- Compact design
- Digital communication

## Custom Sensor Packages

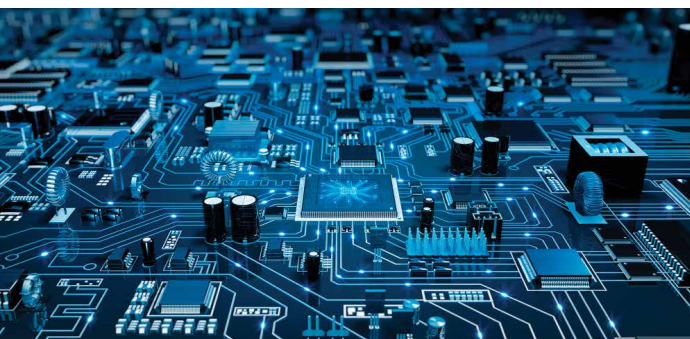


### Spec. Overview

**Range:** 10 in. H<sub>2</sub>O to 6000 psi  
**Accuracy:** 0.008% IS-50, 0.01% IS-50 , 0.01%FS, 0.02% FS  
**Calibration Stability:** 180 or 365 days  
**Com:** RS232, USB, custom  
**Housing:** Aluminum

### Key Features

- High accuracy
- Custom configuration
- Removable / Interchangeable
- Single or dual sensor package



201 Barnes Drive  
 San Marcos, TX 78666  
 (512) 396-4200  
 sales@mensor.com  
 www.mensor.com



# SENSORS

Pressure Sensors  
 River Level Damper Regulators Flood Warning Compressors  
 Automotive Consumer Electronics  
 DP Meters Health Sciences Calibration Labs Instrumentation  
 Flow Calibration Wearables Manufacturing Sea Level  
 Navigation Devices Aerospace Sonic Nozzles  
 Vortex Shedding Barometers  
 Towed Arrays Low Pressure Controls Sensor Technology  
 Flow Measurement OEM Tsunami Warning  
 Pressure Calibration Meteorology Military Contract  
 Air Velocity Barometric Pressure Laminar Flow  
 Pressure Measurement Regulators  
 Air Handlers HVAC/R Tire Pressure Calibration Manometers  
 Hydraulics HVAC/R Avionics Pressure Calibrators  
 Gas Pressure Oceanography  
 Power Generation Smart Devices Dynamometers  
 Process Pressure Transmitters Altimeters

