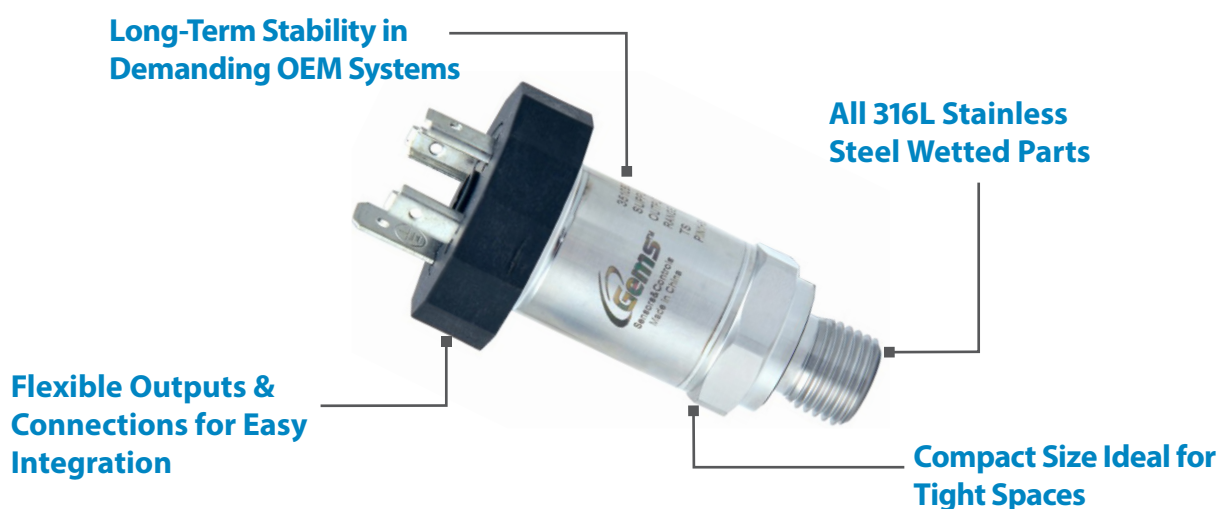


The Compact Transducer That Delivers Big on Stability, Versatility, and Value

Reliable, Compact Pressure Sensing with Unmatched Price-to-Performance for OEM Applications



Long-Term Stability in OEM Systems

The 3510 Series delivers consistent performance over millions of cycles, with long-term drift under 0.2% FS per year. Its Micro-Machined Silicon (MMS) sensing technology and rugged design maintain accuracy under thermal, mechanical, and dynamic stress—ideal for critical systems like pumps, compressors, and medical devices. With $\pm 0.5\%$ FS typical accuracy and a $\pm 1\%$ maximum $\pm 1\%$ Thermal Error Band, engineers can rely on stable readings without frequent recalibration.

Flexible Outputs & Connections

With voltage and current analog outputs in gauge, absolute, and compound reference, the 3510 Series integrates easily with most PLCs, controllers, and data acquisition systems. Its range of pressure ports (NPT, SAE, metric) and electrical connectors (DIN, Deutsch®, AMP, and more) eliminates the need for redesign, accelerating development and simplifying procurement. This versatility makes the 3510 a plug-and-play fit across diverse platforms and machines.

Compact with Wide Media Compatibility

Compact in size, the 3510 Series supports pressure ranges from 0–5 to 0–870 psi (0–0.35 to 0–60 bar), enabling integration in tight spaces without sacrificing performance. Its 316L stainless steel wetted parts ensure durability and compatibility with liquids and gases, including refrigerants, oils, and aggressive media. Ideal for HVAC&R systems, medical devices, and fluid-handling skids, the 3510 meets varied media needs without custom engineering.

Robust Design & Durability

Built for demanding environments, the 3510 Series carries IP65 or IP67 ratings (based on connector) and meets IEC 60068 standards for shock (100g), vibration (20g sine, 7.5grms random), and drop impact. Its -40°C to +100°C operating range and CE/RoHS compliance ensure durability in harsh conditions and global readiness. That makes it a reliable sensing choice for OEMs in industrial, off-highway, alternative energy, and medical applications.

Engineered for Reliable Performance, Broad Compatibility, and Easy OEM Integration



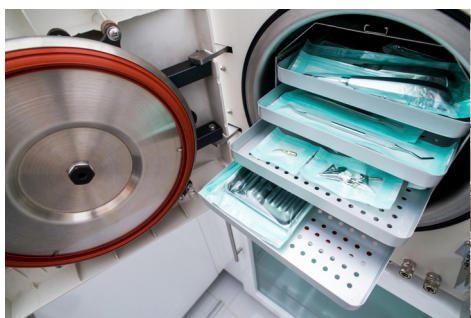
Pump & Compressor



Hydrogen Fuel Cell



Off-Highway (OHV)



Medical Devices



Fluid Power Systems



Process & Water Systems

Specifications

- ✓ **Pressure Ranges**
 - 0–5 to 0–870 psi (0–0.35 to 0–60 bar)
- ✓ **Outputs Available**
 - Voltage, 4–20mA, 0.5–4.5V Ratiometric
- ✓ **Accuracy**
 - $\pm 0.5\%$ FS typ., $\pm 1\%$ max.
- ✓ **Long-Term Drift**
 - $< 0.2\%$ FS per Year
- ✓ **Operating Temperature**
 - -40°F to $+212^{\circ}\text{F}$ (-40°C to $+100^{\circ}\text{C}$)
- ✓ **Wetted Materials**
 - 316L Stainless Steel
- ✓ **Ingress Protection**
 - IP65/IP67 (Depending on Connector)
- ✓ **Response Time**
 - 5ms
- ✓ **Certifications**
 - CE, RoHS Compliant
- ✓ **Minimum Order Quantity**
 - 5 Units

Competitive Advantages

- ✓ **Best-in-class price-to-performance ratio for OEM pressure applications**
- ✓ **Compact, lightweight design ideal for tight installation spaces**
- ✓ **All 316L stainless steel wetted parts ensure broad media compatibility**
- ✓ **$\pm 0.5\%$ FS typical accuracy with $< 0.2\%$ FS/YR long-term drift**
- ✓ **Broad selection of outputs, electrical connectors, and pressure ports**
- ✓ **IP65/IP67 protection ratings and full compliance to IEC shock/vibration standards**
- ✓ **Fast 5ms response time and high fatigue life for dynamic pressure systems**
- ✓ **Available with low MOQs and aggressive OEM discounting**

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