Intelligent
Wellhead Systems

Pressure Sensor™

Ensure Safety with inVision® Safety Interlocks from Pressure Sensor Data

A pressure transducer, an advanced electromechanical device meticulously crafted for precise pressure measurement, plays a pivotal role across diverse job sites. Strategically positioned throughout the work environment, these sensors serve as vigilant sentinels, capturing pressure nuances. Integrated seamlessly into the Infrastructure Watch System (IWS), this invaluable data is effortlessly displayed on Human-Machine Interfaces (HMIs) and inVision®Simmops tablets eliminating the need for manual entry of PSI. Furthermore, the IWS ingeniously utilizes this pressure sensor data to establish safety interlocks within Intelligent Wellhead Systems' inVision platform.

Tailored to meet the demands of various applications, these transducers, ranging from 1502 hammer union to autoclave fittings, protect the sensors against extreme vibration and impact. IWS relies on the cutting-edge Viatran 511 hammer union and the robust Viatran 570 autoclave fitting to ensure unparalleled performance.

The pressure transducers operate by ingeniously combining mechanical and electrical components so sensors can detect applied pressure and convert it into a precise electrical signal. This pressure data is seamlessly accessible through multiple interfaces including onsite HMIs, tablets, and the inVision dashboard, enabling real-time monitoring from any location. Not only does this enhance operational efficiency by displaying real-time data for decision making, it also eliminates the need for manual pressure recording – thereby saving valuable time.

Value to your operation

- Increased Reliability
- Increased Safety
- Increased Efficiency

To learn more or request a demo,
email **info@bettercompletions.com**

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