



Oil & Gas Wells and Pipelines

Sensors for Natural Gas Supply & Petrochemical Industry

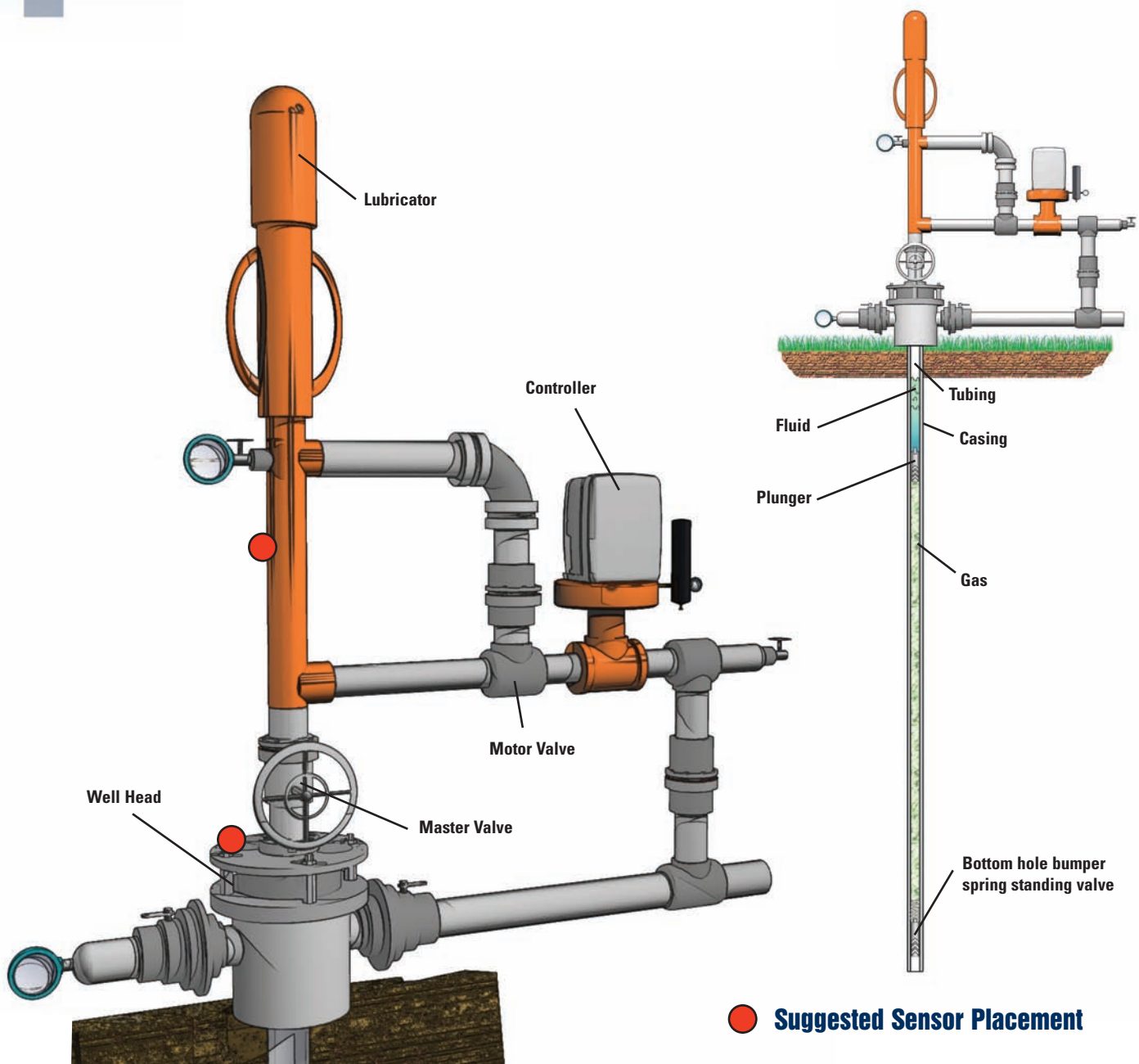


 **IMI SENSORS**
A PCB PIEZOTRONICS DIV.

Energy & Power Generation

Oil & Gas Wells and Pipelines

Sensors that offer hazardous area approvals are widely used on gas and oil well heads, supply lines, natural gas power engines, multi-stage gas compressors and other machinery operating in hazardous environments. Piezoelectric pressure sensors offer the capability to detect and monitor dynamic pressure spikes, pulsations and surges in gaseous or liquid media. Engine pressure sensors offer walk-around or permanent monitoring capability, allowing engine balancing and emissions control. Vibration monitoring has proven effective for determining machinery health, planning maintenance intervals, reducing downtime and avoiding catastrophic loss.





Sensors for Motors & Pumps - Energy & Power Generation



4-20 mA Vibration Transmitter
Series EX640

- Available in velocity or acceleration output
- ATEX / CSA approved with explosion proof conduit
- Top exit, 2-pole terminal block



Low Cost ICP® Accelerometer
Series 607

- Unique 360° Swivel Design
- Allows for easy cable orientation
- Integral or Armored Integral Cable options available



Sensors for Compressors - Energy



4-20 mA Pressure Transmitter
Series 1503

- Ranges from 300 to 10,000 psi
- Withstands sour gas environments
- 1/2" NPT fitting



Sensors for Well Heads - Energy



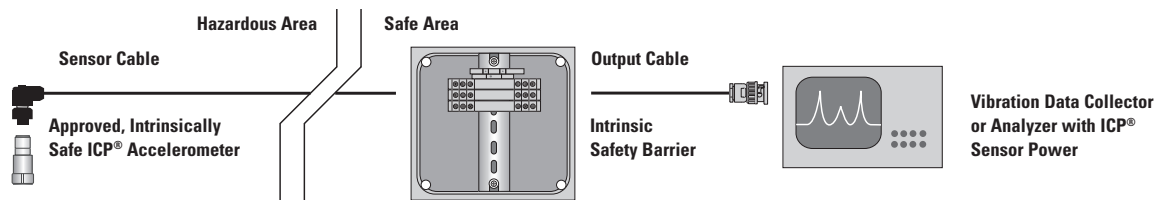
ICP® Pressure Sensor
Model 121A44

- Sensitivity: 10 to 100 mV/psi (1.45 to 14.5 mV/kPa)
- Measurement range: 50 to 500 psi
- 316 stainless steel diaphragm
- 1/4" NPT fitting



Tips From Techs

Typical Intrinsically Safe Installation





Corporate Headquarters - Depew, NY



The Global Leader in Sensors & Instrumentation For All Your Industrial Applications!

- Motor Vibration
- Pumps & Submersible Pumps
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- Oil & Gas Wells and Pipelines
- Vibration Screens & Feeders
- Reciprocating Machinery
- Machine Tool Spindles
- Steel Rolling & Annealing
- Rotary Screw Compressors
- Nuclear Power Instrumentation
- Shock Monitoring

IMI Sensors Platinum Stock Products represent some of our most popular models and can be used in a wide range of applications. As you browse this brochure, you will find Platinum Products indicated with the "Platinum Shield" icon (right).



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