SOR customer service representative, Jack Stockton, discusses pressure solutions with a plant manager at a mining and cement facility in Sugar Creek, Missouri.
Level Switches

- Stainless steel switching mechanisms – no aluminum or brass
- Carbon or stainless steel construction – exotic materials available
- High pressure capability
- Wide variety of agency approvals
- Float and displacer level switches available
- Versatile switching mechanisms for retro-fit situations
- Excellent corrosion resistance – performs in harsh environments
- Easy to install and maintain with low cost of ownership
- 5 year warranty
- SIL Certified

Level switches provide superior alarm and monitoring control for heavy industries such as power generation, refining, petrochemical and general manufacturing.

1100 Series
Magnetic Level Indicators

- 200° viewing angle with vista® indicator
- Forward viewing distance of 250 feet (76 meters)
- Chambers designed to ANSI/ASME B31.1 and B31.3 guidelines
- 2 1/2" Schedule 40 316/316L stainless steel construction standard, Schedule 80 and other materials available
- ASME Section IX and AWS qualified welding system
- Dimensional drawings available at quotation
- Full penetration welds
- No pressurized floats
- Full hydro test of floats @ 1.5 MAWP standard
- Interface detection capability
- NACE and CRN certifications available
- High temperature and Cryogenic designs
- Extensive list of auxiliary instrumentation available
- 5 year warranty

Each 1100 Series MLI is custom engineered for your exact application and manufactured to our rigorous quality standards.
Pressure Transmitters

800 Series
Compact Transmitters
• Includes both HART®7 and Modbus communications
• 4-20 mA or 1-5 VDC (low-power) mode of operation output
• Durable, compact 316 stainless steel explosion proof housing
• 9-way configurable normally-open solid state switch output
• High accuracy of +/-0.10% (URL)
• FM and ATEX certified for hazardous locations in U.S., Canada and Europe
• Dual Seal approval available
• Available for quick delivery in 48 hours!
• 3 year warranty

1800 Series
Conventional Transmitters
• Gauge Pressure Ranges:
  -40 kPa to 40 kPa through -100 kPa to 40 MPa
  -5.8 to 5.8 psi through -14.5 to 5,801 psi
• Differential Pressure Ranges:
  -6 kPa to 6 kPa through -500 kPa to 10 MPa
  -0.87 to 0.87 psid through -72.5 to 1,450 psid
• 4-20 mA Output with Optional HART® Communication Protocol
• ±0.075% Accuracy (URL)
• Aluminum Explosion-Proof Housing
• Optional Integral LCD Display
• EMC (EMI/RFI) Protection
• ATEX / IECEx Certified for Intrinsically Safe and Flameproof applications
• 2 Year Warranty

Pressure Switches
• Rugged, high-cycle rate of tolerance, long life, vibration resistant
• Excellent corrosion resistance – withstands demanding applications
• High resolution of set points
• A variety of process connections and sizes
• Weatherproof and explosion proof housings
• Wide selection of wetted parts
• No periodic service required
• Simple installation
• High repeatability
• Narrow dead band
• SIL Certified
• 3 year warranty – one of the longest in the industry
Temperature Sensors and Thermowells

- Industrial, remote mount and field adjustable thermocouples and RTDs
- Sanitary RTDs and thermocouples
- High pressure thermocouples
- General purpose and specialty sensors
- Multipoint sensors and assemblies
- Hi temp and ceramic protection tube assemblies

- Transmitters and indicators
- Complete custom application designs
- Barstock and pipe thermowells
- Size and material of thermowells are fully customizable
- Quick delivery on standard product offering

Sensor Sampling Systems

- SENSOR Sampling has a design to meet all your liquid and vapor applications, even the most difficult and dangerous.
- Systems are designed to meet Leak Detection Repair (LDAR), Maximum Achievable Control Standards (MACT) and Volatile Organic Compounds (VOC) emission standards.
- Since no two sampling systems are exactly alike, each of our products is engineered to order.

Low Vapor Pressure Liquids
- Inline Sampling Systems (ISS)
- Basic Bottle Sampling Systems (BBSS)
- Pressure Isolating Bottle Sampling Systems (PIBSS)

Liquefied Gases and Gases
- Liquefied Gas Sampling System (LGSS)
- Vapor Sampling System (VSS)

Heavy Liquids
- Heavy Products Sampling System (HPSS)
- RAM Sampling System (RSS)

Other Applications
- Tank Farms (TFSS)
- Phosgene (SHFVSS)
- Hydrofloric Acid (NF) (HFSS)
- Sulfuric Acid (BBSS)
- Spot Sampling for Trace Gases (DTSS)
- Steam Condensate & Boiler Blowdown (SCSS)

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