


# PRODUKT ÜBERSICHT

Ein Leitfaden für Produkte für den Öl- und Gassektor, Petrochemie, Chemie und den Energiesektor.

- Messung und Steuerung
- Temperatur-Sensoren
- Probenahmesystemes

Exklusiv Vertrieb  
Deutschland & Österreich

**SOR**  
CONTROLS GROUP



SOR® Kundendienstmitarbeiter Jack Stockton bespricht Drucklösungen mit einem Betriebsleiter einer Bergbau- und Zementanlage in Sugar Creek, Missouri.

## Level Switches

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

700 Series  
Top Mounted  
Displacer Level  
Switches



1500 Series  
Level Switches with  
Manual Check



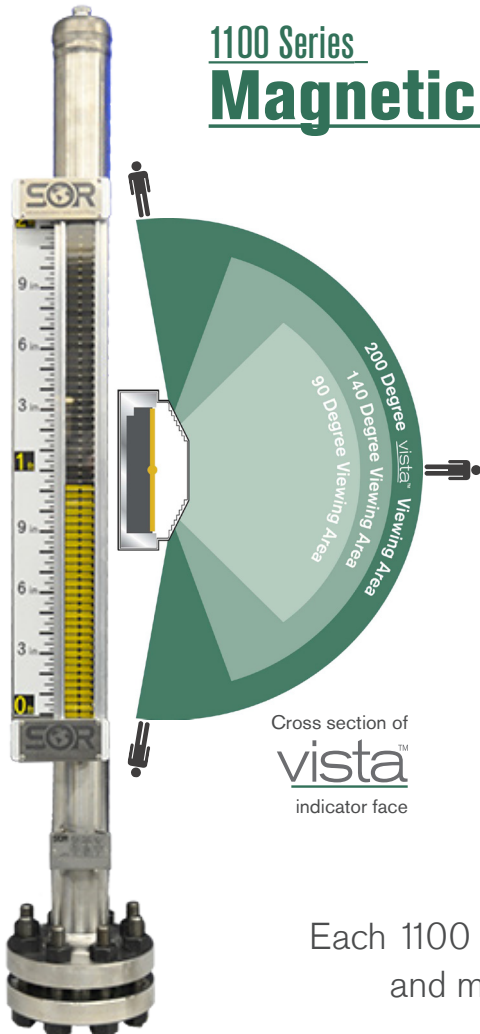
100 & 200 Series  
Flanged, Sealed Steam  
Trap Chambered  
Level Switches



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

## 1100 Series

## Magnetic Level Indicators



- 200° viewing angle with vista<sup>™</sup> indicator
- Forward viewing distance of 250 feet (76 meters)
- Chambers designed to ASME B31.1 and B31.3 guidelines
- Schedule 10 & 40 316/316L stainless steel construction standard, schedule 80+ and other materials available
- ASME Section IX and AWS qualified welding syste
- Standard dimensional drawings available at quotation
- No pressurized float
- Interface detection capability
- NACE and CRN certifications availabl
- High temperature and cryogenic designs suitable for extreme applicatons
- Extensive auxiliary instrumentation available
- 5 year warranty

Each 1100 Series MLI is 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  $\pm 0.10\%$  (URL)
- FM and ATEX certified for hazardous locations in U.S., Canada and Europe
- Dual Seal approval available
- 3 year warranty

815PT  
Smart  
Pressure  
Transmitter



LCD  
Digital  
Indicating Display



815DT Smart  
Differential  
Pressure  
Transmitter



## 1800 Series Conventional Transmitters

- Gauge Pressure Ranges:  
-5.8 to 5.8 psi through -14.5 to 5,800 psi  
-40 kPa to 40 kPa through -100 kPa to 40 MPa
- Differential Pressure Ranges:  
-0.87 to 0.87 psid through -72.5 to 1,450 psid  
-6 kPa to 6 kPa through -500 kPa to 10 MPa
- 4-20 mA output with optional HART® Communication Protocol
- $\pm 0.075\%$  accuracy (URL)
- Aluminum explosion proof housing
- Optional integral LCD display
- CSA explosion proof approval
- ATEX / IECEx certified for Intrinsically Safe and Flameproof applications
- 2 Year Warranty



1800PT  
Standard Over  
Pressure Transmitter



2, 3 and 5 Valve  
Manifolds available

1800DP  
Differential  
Pressure  
Transmitter



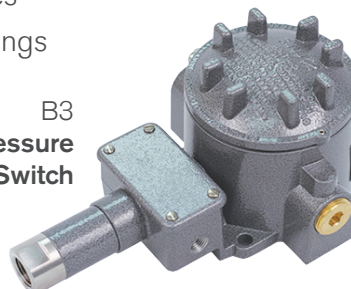
# Pressure and Temperature Switches

- Rugged, high-cycle rate of tolerance, long life, vibration resistant
- Excellent corrosion resistance to withstand demanding applications
- High resolution of set points
- 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



NN  
Pressure  
Switch

B3  
Pressure  
Switch



Mini Hermet  
Pressure Switch



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



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



## 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.
- PED compliant and TPED components can be supplied when required.
- Since no two sampling systems are exactly alike, each of our products is engineered to order.



BBSS

### 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**)



LGSS & VSS

### Other Applications

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

### Heavy Liquids

- Tank Farms (**TFSS**)
- Sulfuric Acid (**SBSS**)
- Phosgene (**SHFVSS**)
- Hydrofluoric Acid (HF) (**HFSS**)
- Spot Sampling for Trace Gases (**DTSS**)
- Steam Condensate & Boiler Blowdown (**SCSS**)



HPSS



DTSS



HPSS