Switches & Minifolds

"We design and manufacture one of the widest ranges of pressure and temperature switches in the world"

Talk to the experts…

- Over 50 years expertise
- Quick delivery turnaround
- Wide variety of types, materials, wetted parts, etc.
- Available to NACE standard MR-0175 for corrosive environments
- Fully traceable certification for high quality materials, testing and inspection

Industries:

- Oil & Gas
- Heat Treatment
- Chemical/Petrochemical
- Refining
- Nuclear
- Power
- Water & Wastewater
- HVAC
- Automotive

Applications:

Temperature & Pressure monitoring for all applications including:

- Wellhead Control Panels
- Construction Equipment
- Dry Gas Seal
- Lube Oil Systems
- Air Distribution Lines
- Generators & Transformers & Engines
- Pumps & Compressors & Turbines
- Pipelines

Rototherm HNL

Temperature Switches

Heavy Duty Standard

Series 700 Standard

- Ranges from 50°C to +400°C
- Sensor element: Filled systems
- Ingress protection: IP66
- Switch: 1 or 2 SPDT
- Wide range of output switches available

Heavy Duty Explosive

Series 700 Explosive

- Provides the switching of a compressed gas supply (generally air) at a predetermined temperature
- Sensor element: Filled systems
- Temperature Range: -50°C to + 400°C
- Ingress protection: IP66
- Switch: Precision Pilot Value

Heavy Duty Pneumatic

Series 700 Pneumatic

- Designed to provide electrical output switching for Potentially Explosive Atmosphere applications
- Sensor element: Filled systems
- Temperature Range: -50°C to +400°C
- Ingress protection: IP66
- Certification: Exd, ExnC, ExtD, Exia, I.S

Minifolds

Aluminium Air Minifolds

Series 900 Minifolds

- Replaces complex assemblies of valves and fittings
- 5, 10 or 20 outlets
- Corrosion resistant
- Available for distribution of gaseous and liquid media also
- Ideal for use in panels and confined spaces

SS Distribution Minifolds

Series 900 Minifolds

- Replaces complex assemblies of valves and fittings
- 5, 10 or 20 outlets
- Reduction in space / costs
- Available for distribution of gaseous and liquid media also
- Ideal for use in panels and confined spaces

Air Horn

Pneumatic Audible Alarm Horn

- Choice of 3 frequencies enabling different alarms to be identified by own unique sound
- 118 dBA output
- Designed for site mounting or within enclosure

Pressure Switches

Industrial Standard

Series 300 Standard

- Compact design (130mm x 93m x 70mm) suited for limited space
- Comprehensive range – ranges available from -1 to 600 Bar
- Wide range of output switches
- High overload ratings
- Simple maintenance
- Proven performance – long established reputation – providing good value without compromising accuracy and reliability

Industrial Explosive

Series 300 Explosive

- Exd, ExnC, ExtD, Exia, I.S. - the certificates available on this range enables them to be used in most hazardous area applications
- Compact design (130mm x 93m x 70mm) suited for limited space
- Comprehensive range – ranges available from -1 to 600 Bar
- Wide range of output switches
- High overload ratings
- Simple maintenance
- Proven performance

Industrial Pneumatic

Series 300 Pneumatic

- Compact design (130mm x 93m x 70mm) suited for limited space
- Comprehensive range – ranges available from -1 to 600 Bar – compatibility between the 'wetted parts' of the switch and your process can be assured with a number of options available
- Low switching differentials
- High overload ratings
- Simple maintenance
- Proven performance

Heavy Duty Standard

Series 700 Standard

- Ranges from 16 mBar to 600 Bar
- High overload ratings
- Simple maintenance
- Safety vent ring
- Design includes venting and isolation chamber
- 40 pressure and DP ranges
- Wide selection of output switches, diaphragm and pressure chamber materials, and process connections (including flanges)

Heavy Duty Explosive

Series 700 Explosive

- Exd, ExnC, ExtD, Exia, I.S.
- Ranges from 16 mBar to 600 Bar
- High overload ratings
- Simple maintenance
- Safety vent ring
- For switches fitted with metallic diaphragms, a PTFE ring is incorporated on some ranges to provide additional sealing

Heavy Duty Pneumatic

Series 700 Pneumatic

- Ranges from 16 mBar to 600 Bar
- High overload ratings
- Simple maintenance
- Safety vent ring
- Design includes venting and isolation chamber
- Makes extensive use of the HNL PVV as the prime sensing device to detect the process diaphragm movement

Compact Switch

Series 100

- Non-bleed in either switched state
- Configurable for N.O. or N.C. output
- Scale range: 0.1 to 100bar
- Aluminium or stainless steel construction
- Accuracy class: ±0.1%
- Designed for use on monitoring systems associated with natural gas transmission
- Used to protect a system or pipeline from an abnormally high or low pressure which might result in the discharge of gas

Pressure/DP Switch

Series 300 & 700

- Exotic materials for wetted parts
- Non-standard process connections
- Wide range of flanges
- Process isolated flange option
- Available with a wide range of process option

Flow Regulators

Series 1721 & 1735

- Integral variable area flow meters & Bubbler flow indicators
- Supply pressure up to 8 bar
- 0.5 to 300 Nl/hr
- Robust & reliable
- Stainless steel or aluminium
- Range of material grades
- Calibration service on request

Electronic Pressure Switch & Transmitter

Series 800 Smartstat

- Microprocessor controlled pressure switch, transmitter and indicator, which enables several instruments to be replaced with a single device
- Pressure Range: -1 to 1000 bar
- Differential Pressure Range: 15 mbar to 4 bar
- Certification: EExiaIIC
- Ingress Protection: IP65
- Switch: 2 x SPDT
- Differential pressure not available for hazardous areas

Electronic Temperature Switch & Transmitter

Series 800 Smartstat

- Microprocessor controlled temperature switch, transmitter and indicator, which enables several instruments to be replaced with a single device
- Ranges from -40°C to 400°C
- 24VDC Supply, 4- 20mA Loop Powered
- High Accuracy and Reliability
- Standard Electrical and I.S. Certified Versions Available
- Reduce Costs