

KELE SENSORS

*** กรุณาสอบถามราคาที่นี่ Trane HVAC Parts & Supplies



SL-2000 Series

Duct Smoke Detector

"SL-2000 Series" Duct Smoke Detector

The SL-2000 Series, Duct Smoke Detector, provide early detection of smoke and combustion products present in air moving through HVAC ducts. Air sampling is accomplished by intake sampling tubes, which are ordered separately.

Features

- Low-flow technology, 100-4000 fpm
- Universal voltage: 24 VAC, 24 VDC, 115 VAC, or 230 VAC
- Compatible with building automation and fire alarm systems
- Interconnect up to 30 detectors for common functions
- Magnet test capability
- Front or rear loading sampling tubes
- Optional weatherproof enclosure

Water Flow Switch

"NFS 60" Water Flow Switch

NENUTEC is proud to offer the NFS60 water flow switch. They are designed for use prove flow of water by giving an alarm or use to control in the HVAC system.

Features

- 1 to 8 inches pipe size
- 3 pieces paddle included
- SPDT contact for NC or NO operation



NFS 60

Air Velocity Transmitter

"EE65" Air Velocity Transmitter

The EE65, Air Flow Velocity Transmitter, are ideal for accurate ventilation control applications. They incorporate innovative hot film anemometer technology which guarantees good accuracy at low airflow velocity.

Features

- Output 0-10 VDC or 4-20 mA ; jumper selectable
- Dust and splash-proof NEMA 4 (IP65) enclosure allows
- 0-2000 fpm (0-10 m/s), 0-3000 fpm (0-15 m/s) or 0-4000 fpm (0-20 m/s)



EE65

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KDPS Series



DPL Series



24-013, 24-014

Pressure Switches & Transmitters

"KDPS Series" Differential Pressure Switch

The KDPS Series, Adjustable Differential Pressure Switch, are general-purpose, airflow-proving switches designed for HVAC and building automation applications. The KPDS Series can be used to sense positive, negative, or differential air pressure.

Features

- Transparent cover for setpoint confirmation
- Easy, field adjustable set point
- Dual scales

"DPL Series" Low Differential Pressure Transmitter

The DPL Series, Low Differential Pressure Transmitter, are designed for energy management systems, environmental pollution control, HVAC and building automation application

Features

- Range : 0-0.25"WC until : 0-100"WC
- 10 psig overpressure
- $\pm 1\%$ full scale accuracy
- Reverse wiring protection
- 4-20 mA, 0-5 or 0-10 VDC output
- Zero and span adjustment
- Bidirectional ranges available

"24-013, 24-014" Differential Pressure Switch

Delta-Pro Model 24-013 and 24-014 NEMA 4 Differential Pressure Switches offer a unique blend of small size, excellent performance, environmental protection, and attractive price. They can be used with liquids or gases to sense differential pressure across devices such as oil or water filters, pumps, heat exchangers, chillers, coils,...etc.

Features

- SPDT switch with screw terminals
- Gasketed zinc-plated steel cover
- Strong, corrosion-resistant polyester enclosure
- External, multiturn adjusting screw for excellent resolution
- Corrosion-resistant brass port
- Front accessible holes for surface mounting
- NEMA 4 enclosure

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DPW-692 Series

Pressure Switches & Transmitters

"DPW-692 Series" Differential Pressure Transmitter

The DPW-692 Series, Low Differential Pressure Transmitter, is ideal for monitoring pumps and piping differential pressures in HVAC systems and process systems including tank level monitoring.

Features

- Range : 0-60 psid until 0-200 psid
- Competitively priced
- Very high quality
- Short-circuit proof
- Protection from reverse polarity
- Compact heavy duty housing
- True differential pressure sensing
- 1/2" NPT conduit connector
- NEMA 4 (IP65) environmental rating
- Mounting bracket included



PSS2 Series

"PSS2 Series" Stainless Steel Pressure Transmitter

The Kele PSS2 Series, Stainless Steel Pressure Transmitter, is highly accurate and compact, which makes it ideal for HVAC, building automation, and process gauge pressure applications.

Features

- Splash-proof, plug-in electrical connector
- For steam, water, glycol, refrigerant, and more
- 4-20 mA output
- 304L/316L stainless steel wetted parts
- Wide range of pressures
- High overpressure capability

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Flow Transmitters & BTU Monitoring

DYNASONICS™



DTFXL Series

"DTFXL Series" Ultrasonic Flow Meter

The DTFXL Series Ultrasonic Flow Meter measures water flow in a wide variety of pipe sizes and pipe materials, using clamp-on sensors that attach to the outside of the pipe. This non-invasive, non-contact flow meter provides instantaneous flow rate and accumulated flow and provides a 4-20 mA output as well as pulse outputs.

Features

- 1/2" to 100" (1.2 cm to 254 cm) pipe size
- Transit-time technology
- Immune to suspended solids and gas pockets
- Bidirectional flow range
- Multiple totalizes for forward, reverse, net
- Models with or without display
- Selectable standard or metric engineering units

Kele

We Make It Easy



220 Series

"220B 220SS" Brass & Stainless Steel Flow Sensors

The 220B (brass) and 220SS (stainless steel) flow sensors mount in a 2" NPT pipe saddle or Thredolet® and are used in general flow measuring applications in metallic or PVC pipes from 2-1/2" to 40" (6.4 to 101 cm) size.

Features

- 2-1/2 to 40 inches pipe size
- Connections 2" MNPT (mount in Thredolet® or tee)
- Flow rate can be obtained between flow velocities of 0.5 to 30 ft/sec



Hot Tap Flow Sensor

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We Make It Easy



KH3 Series

Humidity Transmitters & Humidistat

“KH3 Series” Room, Duct and OSA Humidity Transmitter

Model KHR, KHD, and KHO Humidity Transmitters are specifically designed for use in HVAC/BAS applications.

These instruments measure relative humidity from 0% to 100%. The standard two-wire, 4-20 mA output provides low cost humidity monitoring for building control. The RH transmitter is available with thermistor or RTD temperature sensors or a 4-20 mA rangeable temperature transmitter.

They are available in room, duct, and OSA mounting styles.

Features

- Packaged for Price and Performance
- Calibration free Interchangeable sensors
- Twelve point computerized calibration
- 0% to 100% RH measurement
- $\pm 3\%$ accuracy (5% to 95% RH)
- Temperature compensated
- No need to remove mounting box to replace sensor
- Attractive new room enclosure design
- Two-wire, 4-20 mA output



VH7200 Series

“VH7200 Series” Humidistat

The VH7200 Series Humidistats are designed for controlling humidification and dehumidification equipment in HVAC and energy management systems. The humidistat utilizes a PI time proportional control algorithm accurately control relative humidity.

Features

- Designer wall mounting
- 3% RH control accuracy
- Two status LEDs
- Proportional high limit override eliminates condensation problems
- Sensor failure protection
- Outdoor temperature reset
- Keypad lockout
- Backlit LCD two line display

Temperature Transmitters (Sensors)



ST-U Series

“ST-U Series” Universal Thermistor and RTD Sensors

The Precon Model ST-U* Universal-Mount Sensor provides precision remote temperature sensing in multiple applications such as Duct, OSA, and Immersion installations for building automation systems. The active sensing element is a highly stable precision thermistor material or platinum RTD.

Features

- Lifetime warranty
- Flame retardant, plenum rated
- Wide selection of thermistor and RTD curves
- Adaptable with many mounting options
- Easy to mount to duct, well, or wall
- Waterproof probe
- Paintable plastic
- NEMA 3R, IP22
- Brass or stainless well
- Outside air kit
- Ultra high accuracy optional



KTR Series

“KTR Series” Room Temperature Sensor Thermistor and RTD

The Model KTR* Room Temperature Sensor is a cost effective room temperature sensor with an accuracy of $\pm 0.5^{\circ}\text{F}$ (0.28°C). The thermistor is made of a very stable, pre-aged material that offers the reliability needed in control systems. The platinum RTD comes in 100 ohm and 1000 ohm and is compatible with most HVAC systems. All sensors come with a three-year warranty.

Features

- Economical
- Attractive new design
- Three-year warranty
- $\pm 0.5^{\circ}\text{F}$ (0.28°C) accuracy
- Durable housing
- White color
- Thermistor or RTD
- Locking cover screws

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Gas and Specialty Sensors



KCO Series

"KCO Series" Carbon Monoxide Sensor

The KCO, Series Carbon Monoxide Sensors, are available in analog or relay versions. The sensors are provided in heavy duty steel enclosures, and the sensors use low-temperature components that are ideal for open parking garages in cold climates.

Features

- Two-stage alarming (KCO-R)
- 0-200 ppm 4-20 mA output (KCO-A)
- Microprocessor controlled recalibration (KCO-A)
- Heavy-duty enclosures
- Operating temperature down to -4°F (-20°C)
- Low-temperature option available -20°F (-29°C)
- Temperature and humidity compensated



KCD Series

"KCD Series" Carbon Dioxide Sensor

The Kele KCD Series was designed to offer an economical, reliable, non-dispersive infrared carbon dioxide sensor. It measures environmental carbon dioxide levels for use in demand-controlled ventilation, air-quality monitoring, and other HVAC applications in accordance with ASHRAE standards. Fully isolated voltage analog outputs and convenient flying leads on the wall mount make installation both simple and trouble-free. The analog output is available in 0-10 VDC or 4-20 mA, over the industry standard 0-2000 ppm CO₂ range.

Features

- 24 VAC/VDC power
- 0-10 VDC or 4-20 mA output
- 0-2000 ppm CO₂ range
- Wall-mount and duct versions
- Reverse polarity protected
- Simple push-button calibration
- Factory calibrated

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Gas and Specialty Sensors



OS-1

"OS-1" Oxygen Sensor

The Model OS-1 is a dependable, economical oxygen sensor designed to monitor oxygen levels in ambient air. It has a jumper-selectable analog output for interfacing with a BAS controller and an SPDT relay output to activate an alarm in the event of oxygen depletion due to a refrigerant leak. The units are powered by 24 VAC/VDC and are housed in a rugged polystyrene enclosure for dust and moisture protection.

Features

- 4-20 mA, 0-5 VDC, or 0-10 VDC output, jumper-selectable
- SPDT alarm relay
- 24VAC/VDC power
- 0% to 25% range
- Rugged polystyrene enclosure



AGM-SZ

"AGM-SZ" Refrigerant Gas Monitor

The Model AGM-SZ, Single Zone Ammonia Gas Monitor, is designed for single point monitoring of ammonia gas with up to 50 ft(15.2 m) distance from measuring point to monitor. The unit feature a digital display from local indication of current gas levels and peak value.

Features

- Three alarm levels with SPDT alarm contacts
- LED status indication
- System fault alarm
- 200 data point logging
- 4-20 mA output signal
- Audible and visual alarm indication
- Local indication of current and peak gas levels
- Alarm-silence button