

## Environmental Sensors

### Temperature & Humidity Sensors

#### Probe-Style Temperature & Combination Sensor



**E-STSM-E7**  
**E-STHSM-E7**

- Temperature Sensor (E-STSM-E7)
  - Applications from -4 to 140°F (-20 to 60°C).
  - Temperature accuracy:
    - ◆ ±1.26°F (±0.70°C) for -4 to 41°F (-20 to 5°C).
    - ◆ ±0.72°F (±0.40°C) for 41 to 140°F (5 to 60°C).
- Temperature/Humidity Sensor (E-STHSM-E7)
  - Applications from -4 to 140°F (-20 to 60°C) and 0 to 90% relative humidity.
  - Temperature accuracy:
    - ◆ ±0.90°F (±0.50°C) for -4 to 14°F (-20 to -10°C).
    - ◆ ±0.72°F (±0.40°C) for 14 to 140°F (-10 to 60°C).
  - Humidity accuracy:
    - ◆ 0 to 80% relative humidity, ±3%
    - ◆ 80 to 90% relative humidity, ±4%
  - Supports dew point measurement
- Length: 7 feet.
- Includes an RJ45 coupler to extend the sensor up to 1000 feet (305 m) using CATx cable (minimum 24AWG).

#### Temperature/Humidity Sensor with 3-Digit 7-Segment LCD Display – 2" Character Height



**E-STHS-LCDW**

- Use to detect and view real-time value of the sensor's temperature or humidity reading.
- Three-digit, seven-segment display with °F, °C and % indicators.
- Applications from -4 to 140°F (-20 to 60°C) and 0 to 90% non-condensing relative humidity.
- Temperature accuracy:
  - ±0.72°F (±0.4°C) for 14 to 140°F (-10 to 60°C).
  - ±0.90°F (±0.5°C) for -4 to 14°F (-20 to -10°C).
- Humidity accuracy:
  - 0 to 80% relative humidity, ±3%
  - 80 to 90% relative humidity, ±4%

#### Temperature Sensor



**E-STS**

- Applications from 32 to 122°F (0 to 50°C).
- Accurate to within ±0.9°F (±0.5°C).
- High resistance to external influences on the cable due to digital output signal.

#### Low-Cost Industrial Precision Temperature/Humidity Sensor



**E-STHS-PRCIND-x**

- Applications from -40 to 185°F (-40 to 85°C) and 10 to 80% relative humidity.
- Accurate to within ±0.4°F (±0.2°C) and ±1.8% relative humidity.
- Available lengths for attached CAT5e cable: 10/25/50/100 feet.

#### Temperature/Humidity/Dew Point Combination Sensor



**E-STHSB**  
**E-STHS-99**

- Temperature/Humidity/Dew Point Sensor (E-STHSB)
  - Applications from -4° to 140°F (-20° to 60°C) and 0% to 90% relative humidity.
  - Temperature accuracy:
    - ◆ ±0.90°F (±0.50°C) for -4 to 14°F (-20 to -10°C).
    - ◆ ±0.72°F (±0.40°C) for 14 to 140°F (-10 to 60°C).
  - Humidity accuracy:
    - ◆ 0 to 80% relative humidity, ±3%
    - ◆ 80 to 90% relative humidity, ±4%
  - Supports dew point measurement.
- Temperature/Wide Range Humidity/Dew Point Sensor (E-STHS-99)
  - Applications from 32° to 176°F (0° to 80°C)
  - Accurate to within ±2°F (±1°C)
    - ◆ 20% to 80% relative humidity, ±3%
    - ◆ 10% to 90% relative humidity, ±4%
    - ◆ 0% to 99% relative humidity, ±5%
  - Supports dew point measurement
- Supports CAT5/5e/6/6a cable (24 AWG) up to 1,000 ft (305 m) (not included).

#### Temperature/Humidity/Dew Point Sensor, DIN Mounted



**E-STHSB-D**

- Applications from -4 to 140°F (-20 to 60°C) and 0 to 90% relative humidity.
- Temperature accuracy:
  - ±0.90°F (±0.50°C) for -4 to 14°F (-20 to -10°C).
  - ±0.72°F (±0.40°C) for 14 to 140°F (-10 to 60°C).
- Humidity accuracy:
  - 0 to 80% relative humidity, ±3%
  - 80 to 90% relative humidity, ±4%
- Supports dew point measurement.
- DIN mountable

#### Low-Cost Precision Temperature & Combination Sensor



**E-STS-PRC**  
**E-STHS-PRC**

- Temperature Sensor (E-STS-PRC)
  - Applications from 14 to 140°F (-10 to 60°C).
  - Accurate to within ±0.2°F (±0.1°C).
- Temperature/Humidity Sensor (E-STHS-PRC)
  - Applications from 14 to 140°F (-10 to 60°C) and 10 to 80% relative humidity.
  - Accurate to within ±0.2°F (±0.1°C) and ±1.8% relative humidity.
  - Supports dew point measurement

## Environmental Sensors

### Temperature & Humidity Sensors (continued)

#### Strap-On Pipe Temperature Sensor, Spring-Loaded



**E-STSP-SL-7**

- Mount to the outside of an insulated metal pipe (up to 1/4" wall).
- Copper contact transmits surface temperature to thermal sensor.
  - Spring-loaded contact enables minimal removal of pipe insulation.
- NEMA 1 and IP20 rated metal enclosure
- Applications from -40 to 185°F (-40 to 85°C).
- Accurate to within  $\pm 1.0^{\circ}\text{F}$  ( $\pm 0.5^{\circ}\text{C}$ ).
- Response time: <1 minute for temperature changes of  $\pm 2^{\circ}\text{F}$ .
- Length: 7 feet.
- Includes an RJ45 coupler to extend the sensor up to 1,000 feet using CATx cable (minimum 24AWG).

#### Industrial Temperature/Humidity Sensor -40 to 185°F (-40 to 85°C)



**E-STHSB-N4085IND-x**

- Applications from -40 to 185°F (-40 to 85°C) and 0 to 100% non-condensing relative humidity.
- Accuracy:
  - $\pm 0.7^{\circ}\text{F}$  ( $\pm 0.4^{\circ}\text{C}$ ) at 14 to 185°F (-10 to 85°C)
  - $\pm 1.6^{\circ}\text{F}$  ( $\pm 0.9^{\circ}\text{C}$ ) at -40 to 14°F (-40 to -10°C)
- $\pm 3\%$  relative humidity at 0 to 80% non-condensing RH and 86°F (30°C)
- $\pm 4.5\%$  relative humidity at 80 to 100% non-condensing RH and 86°F (30°C)
- Available lengths for attached CAT5e cable: 10/25/50/100 feet.

#### Industrial Precision Temperature/Humidity/Dew Point Sensor



**E-STHS-PRCIND100-Pxx**

- Applications from -40 to 212°F (-40 to 100°C) and 10 to 80% relative humidity.
  - Sensor probe attached to 10/25/50/75/100-foot cable, hardwired to sensor box.
- Accurate to within  $\pm 0.4^{\circ}\text{F}$  ( $\pm 0.2^{\circ}\text{C}$ ) and  $\pm 1.8\%$  relative humidity.
- Supports dew point measurement.

### RTD Temperature Transmitters

#### High-Accuracy Platinum RTD Transmitter, -328° to 1562°F



**E-RTDT-1562**

- Temperature range: -328 to 1562°F (-200 to 850°C)
- Accurate to within  $\pm 0.2^{\circ}\text{F}$  ( $\pm 0.1^{\circ}\text{C}$ )
- Configuration: 2, 3, or 4-wire connection
- Signal Output: RS485
- Requires an RTD sensor probe to operate with the E-2D/5D/16D.

#### Pipe Temperature Sensor



**E-STSP-7**

- Mount to the outside of a thin walled steel, copper, or aluminum pipe (up to 1/4" wall).
- Copper contact transmits surface temperature to thermal sensor.
- Weatherproof enclosure designed to IP65 specifications.
- Applications from -40° to 185°F (-40° to 85°C).
- Accurate to within  $\pm 1.0^{\circ}\text{F}$  ( $\pm 0.5^{\circ}\text{C}$ ).
- Response time: <1 minute for temperature changes of  $\pm 2^{\circ}\text{F}$ .
- Length: 7 feet.
- Includes an RJ45 coupler to extend the sensor up to 1,000 feet using CATx cable (minimum 24AWG).

#### Wall Mount Temperature/Humidity Sensor



**E-STHS-WLM**

- Applications from 23 to 131°F (-5 to 55°C)
- Temperature accurate to within  $\pm 0.9^{\circ}\text{F}$  ( $\pm 0.5^{\circ}\text{C}$ )
- Relative Humidity accuracy:
  - $\pm 3\%$  from 30 to 70% relative humidity.
  - $\pm 5\%$  from 0 to 30% and 70 to 100% relative humidity.
- Requires the E-S420MA-24V to operate.

#### 100 Ohm Platinum RTD Transmitter



**E-RTDT-140**  
**E-RTDT-240**

- Available temperature ranges:
  - E-RTDT-140: -20 to 140°F (-28 to 60°C).
  - E-RTDT-240: 30 to 240°F (-1 to 115°C).
- Accurate to within  $\pm 0.8^{\circ}\text{F}$  ( $\pm 0.45^{\circ}\text{C}$ ).
- Configuration: 2-wire connection
- Sensor Element: 100Ω platinum
- Signal Output: 4-20 mA, loop-powered
- Requires the E-S420MA and an RTD sensor probe to operate with the E-2D/5D/16D.

### Environmental Sensors

#### RTD Temperature Sensors

##### All-Purpose 100 Ohm RTD Sensor, -67°F to 221°F



**E-RTDS-A221**

- Rugged, point-sensitive waterproof sensor with 9" (229 mm) 304 stainless steel probe and brass fitting.
  - Brass fitting with 1/2" NPT male thread.
- Applications from -67 to 221°F (-55 to 105°C).
- Accurate to within  $\pm 0.27^\circ\text{F}$  ( $\pm 0.15^\circ\text{C}$ ).

- 100 Ohm Pt 385 curve.
- Requires the E-RTDT-140/240 and E-S420MA-24V to operate with the E-2D/5D/16D.

##### Encapsulated 100 Ohm RTD Sensor, 35°F to 140°F



**E-RTDS-E140**

- 0.17" round, 0.50" long housing.
- Applications from 35°F to 140°F (2°C to 60°C).
- Accurate to within  $\pm 0.6^\circ\text{F}$  ( $\pm 0.33^\circ\text{C}$ ).
- 100 Ohm Pt 385 curve.
- 8 feet, 24 AWG 2-wire leads

- Requires the E-RTDT-140/240 and E-S420MA-24V to operate with the E-2D/5D/16D.

##### Rugged Encapsulated 100 Ohm RTD Sensor, -30°F to 230°F



**E-RTDS-ER230**

- 0.18" round, 0.50" long housing.
- Applications from -30°F to 230°F (-34°C to 110°C).
- Accurate to within  $\pm 0.6^\circ\text{F}$  ( $\pm 0.33^\circ\text{C}$ ).
- 100 Ohm Pt 385 curve.
- 8 feet, 24 AWG 2-wire leads

- Requires the E-RTDT-140/240 and E-S420MA-24V to operate with the E-2D/5D/16D.

##### Mini Probe 100 Ohm RTD Sensor, -67°F to 240°F



**E-RTDS-MP240**

- 0.19" (4.8 mm) round x 0.50" (13 mm) long stainless steel housing.
- Applications from -67 to 240°F (-55 to 115°C).
- Accurate to within  $\pm 0.27^\circ\text{F}$  ( $\pm 0.15^\circ\text{C}$ ).
- 100 Ohm Pt 385 curve.

- Requires the E-RTDT-140/240 and E-S420MA-24V to operate with the E-2D/5D/16D.

##### Duct 100 Ohm RTD Sensor, -67°F to 240°F



**E-RTDS-D240**

- Rugged, waterproof sensor with 9" (229 mm) 304 stainless steel probe with 4" (102 mm) electrical strap and a nylon fitting.
  - Nylon fitting with 1/2" NPT female thread.
- Applications from -67 to 240°F (-55 to 115°C).
- Accurate to within  $\pm 0.27^\circ\text{F}$  ( $\pm 0.15^\circ\text{C}$ ).
- 100 Ohm Pt 385 curve.

- Requires the E-RTDT-140/240 and E-S420MA-24V to operate with the E-2D/5D/16D.

##### All-Purpose 100 Ohm RTD Sensor, -58 to 392°F



**E-RTDS-A392**

- Rugged, point-sensitive waterproof sensor with 0.25" (6.35 mm) round and 6" (152 mm) long stainless steel probe.
- Applications from -58 to 392°F (-50 to 200°C).
- Accurate to within  $\pm 1^\circ\text{F}$  ( $\pm 0.55^\circ\text{C}$ ).
- 100 Ohm Pt 385 curve.
- Includes 15 ft (4.6 m) extension wire.

- 6 ft (1.83 m) 3-wire lead with 13" (330 mm) lead wires and 1/3" (8 mm) stripped ends.
  - One white, two red.
- Requires the E-RTDT-1562 to operate with the E-2D/5D/16D.

#### Liquid & Chemical Detection Sensors

##### Low-Cost Liquid Detection Sensor, Rope-Style



**E-LD-LCx-y**

- Detects any conductive liquid or moisture.
- Minimum puddle: 0.06" (1.5 mm) diameter.
- Available water sensor cable (x) lengths: 1/10/50/100/200/400/600 feet.
  - Material: PVC twisted pair with stainless 316 elements
  - Diameter: 0.14" (3.5 mm)
- Available 2-wire cable (y) lengths: 5/10/20/50/100 feet.

##### Liquid Detection Sensor, Plenum Rope-Style



**E-LDx-y**

- Detects any conductive liquid or moisture.
- Minimum puddle: 0.6" (15 mm) diameter.
- Detects liquid depth >0.1" (2.5 mm).
- Available water sensor cable (x) lengths: 1/10/50/100/200/400/600/800/1000 feet.
  - Plenum rating: CL2P (UL)
  - Diameter: 0.25 in (6.35mm)
- Available 2-wire plenum cable (y) lengths: 5/10/20/50/100 feet.

### Environmental Sensors

#### Liquid & Chemical Detection Sensors

##### Chemical Detection Sensor



**E-CDx-y**

- For detecting the presence of chemical liquid.
  - Reliably senses acids, bases, and other conductive liquids.
- Detects liquid depth >0.1" (2.5 mm).
- Minimum puddle: 0.6" (15 mm) diameter.
- Available chemical sensor cable (x) lengths: 1/10/50/100 feet.
- Available 2-wire cable (y) lengths: 5/10/20/50/100 feet.

##### Legacy Chemical Detection Sensor



**E-CDSx-y**

- For detecting the presence of chemical liquid.
  - Reliably senses acids, bases, and other conductive liquids.
- Detects liquid depth >0.1" (2.5 mm).
- Minimum puddle: 0.6" (15 mm) diameter.
- Voltage and current:
  - Open Circuit: 5VDC max @ 1µA.
  - Closed circuit: <300mV @ 10.7mA.

##### Spot Liquid Detector with Built-In Visual & Audible Alarm



**E-SLDO-A**

- Use to detect conductive fluids in confined areas
- Water level detection range: 0.03 to 0.53" (0.79 to 13 mm).
- Audible alarm signal: 85 dB at 1 foot distance.
- Red LED for visual alarm signal.
- Cable length: 4.9 ft (1.5 m).

##### Outdoor Oil Leak Detection Sensor



**E-SOD-3M**

- Use to detect oil or non-conductive liquids in outdoor locations or in areas that are susceptible to leaks.
- The sensor includes two liquid detectors; one looking for conductive liquids (e.g. water), and the other looking for non-conductive liquids (e.g. fuel oil, diesel fuel).
- Normally-open alarm contact.
- IP 65 rated.
- Cable length: 9.84 ft (3m).

##### Under Carpet Leak Detector



**E-UCLD-x**

- Use to detect conductive fluids and moisture under carpets.
- Available 2-wire plenum cable lengths: 10/25/50/100/200/400/600/1000 feet.

##### Legacy Liquid Detection Rope Sensor



**E-LDSx-y**

- For detecting water presence and warning of flooding.
- Detects liquid depth >0.1" (2.5 mm).
- Minimum puddle: 0.6" (15 mm) diameter.
- 100% waterproof electronics.
- Detects any liquid or moisture, except deionized water.

##### Spot Liquid Detector, Point Leak Detection Sensor



**E-LD-SPDT**

- Features gold-plated probes and microchip technology for dependable detection of conductive liquids.
- Adjustable detection level.
  - Probe height adjustable 0" to 1.5" (0 to 38mm)

##### Compact-Size Spot Liquid Detector, Point Leak Detection Sensor



**E-SLDO-14**

- Use to detect fluids in confined areas.
- One generic relay output
- Adjustable detection level.
  - Probe height adjustable 0" to 0.75" (0 to 19mm)
- Cable length: 14 feet

##### IP68 Submersible Spot Liquid Detector



**E-SLDO-IP68**

- Use to detect conductive fluids in confined areas.
- Water level detection range: 0.03 to 0.53" (0.79 to 13 mm).
- DPDT alarm contacts.
- Red LED for visual alarm signal.
- Current consumption: 30mA typical, 85mA maximum @ 12VDC.

##### Capacitive Chemical Spot Leak Detector



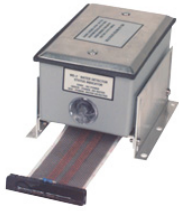
**E-SCD-CAP-5M**

- Use to detect liquids in confined areas, such as in drip pans.
  - Capacitive sensor is ideal for monitoring liquids with low conductivity, such as pure water, diesel fuel, acetic acid, ethanol, methanol, liquid ammonia, and carbohydrate solution.
- NPN output can be normally-open or normally-closed.
- IP 67 rated.
- Cable length: 16.4 ft (5 m).

### Environmental Sensors

#### Liquid & Chemical Detection Sensors (continued)

##### Tape-Style Liquid Detector



**E-TLD-x**

- Uses a self-adhesive sensor tape with copper fiber electrodes and a durable netted cover for dependable detection of conductive liquids.
- Continuous tape integrity self-check.
- Floor or under-pipe mounting.
- Minimum puddle: 0.125" (3 mm) diameter.
- Available tape sensor lengths: 10/25/50/100 feet.

##### Plastic Vertical Liquid Level Float Switch



**E-LLS-SF-xxCM**

- Vertically mounted float switch – install in the top or bottom of the tank.
- Magnets within the float actuate a highly reliable and repeatable hermetically sealed reed switch as the float rises and lowers with liquid level.
- Single-pole single-throw (SPST) circuitry.
- IP68-rated water and dust protection.
- Max pressure: 72.5 psi (0.5 MPa)

##### Intrinsically Safe Ultrasonic Level Transmitter, 25' Range



**E-ULT25IS**

- Calculates distance, level, flow, and volume in linear and non-linear tanks.
- Suitable for use in hazardous areas - Class 1 Division 1, intrinsically safe rating.
- Operating Range:
  - 1 to 25 ft for liquids
  - 1 to 10 ft. for solids
- Provides two-wire 4-20 mA analog output.
- IP65 rated housing

##### Plastic Vertical Liquid Level Float Switch



**E-LLS-PF**

- Vertically mounted float switch – install in the top or bottom of the tank.
- Magnets within the float actuate a highly reliable and repeatable hermetically sealed reed switch as the float rises and lowers with liquid level.
- Single-pole single-throw (SPST) circuitry.
- IP68-rated water and dust protection.
- Max pressure: 72.5 psi (0.5 MPa)

##### Ultrasonic Level Transmitter



**E-ULT**

- Compact sensor with 2" (51 mm) dead band and beam width optimized for small tanks 49" (1,245 mm) or less.
- Provides two-wire 4-20 mA analog output.
- Includes Fob USB interface tool for configuring the transmitter.
- Requires the E-S420MA-24V to operate with E-2D/5D/16D.

#### Smoke Detection Sensor

##### Smoke Detection Sensor – 120VAC Wire-In with Battery Backup



**E-SDS-120V**

- Ionization smoke detector.
- Applications from 40°F to 100°F (4°C to 38°C).
- Front loading battery door.
- One button design for easy testing and HUSH mode activation control.
- Voltage supply: 120VAC.
- Audio alarm: 85dB at 10ft.
- Links with up to 24 devices.
- Use compatible relay (E-RLY-SDS120V) for connection to the ENVIROMUX system.
- Contact ratings: 10A at 120VAC, 5A at 30VDC.

##### Low-Cost Smoke Detection Sensor – CE Approved



**E-SDS-CELC**

- Photoelectric smoke detector.
- Smoke sensitivity: 0.5 dB/m ±0.1 dB/m.
- Applications from 14 to 122°F (-10 to 50°C).
- Operating temperature: 14 to 122°F (-10 to 50°C).

##### Smoke Detector with Built-In Fixed-Temperature 135°F (57°C) Heat Sensor – UL Approved



**E-SDS**

- Photoelectric smoke detector.
- Smoke sensitivity: 0.98-2.4%/ft.
- Built-in 135° F (57° C) thermal heat sensor.
- Operating temperature: 14 to 122°F (-10 to 50°C).

### Environmental Sensors

#### Smoke Detection Sensor (continued)

##### Smoke Detector with Built-In Fixed-Temperature 135°F (57°C) Heat Sensor – UL Approved, TAA Compliant



**E-SDS-TAA**

- Photoelectric smoke detector.
- Smoke sensitivity: 0.98-2.4%/ft.
- Built-in 135° F (57° C) thermal heat sensor.
- Voltage supply: 8-35VDC.

#### Gas Detector/Sensors

##### Gas Detector – Methane, Butane, Propane



**E-GD-MBP**

- Use to detect leaks of combustible gas (methane, propane, butane, acetylene, etc.)
- Continuous air monitoring.
- Audible alarm signal: 94 dB at 1 foot.
- Relay specifications: level selectable, normally open or normally closed, 250V AC, max 5A.

##### Carbon Monoxide Detector, CO



**E-CMD**

- Continuous air monitoring.
- Pre-set alarm points alert at:
  - 70 ppm after 60 to 240 minutes
  - 150 ppm after 10 to 50 minutes
  - 400 ppm after 4 to 15 minutes

##### Carbon Dioxide Sensor, CO2



**E-CO2**

- Measures CO2 in a range of 0 to 2,000 ppm.
- 0 to 5 VDC output.
- Continuous automatic air pressure compensation.
- Requires the E-S5VDC sensor converter to operate.

##### Hydrogen Gas Detector



**E-H2**

- Use to detect leaks of hydrogen gas in battery monitoring/charging rooms, substations, uninterruptible power supplies (UPS), and hydrogen fueled back-up power systems.
- Alarm set point: 10% LEL hydrogen gas.
- SPDT Alarm and normally-closed output relay.

##### Hydrogen Sulfide Detector



**E-H2S**

- Use to monitor the presence of Hydrogen Sulfide from failed UPS (uninterrupted power supply) lead acid batteries, in paper mills, refineries, waste disposable facilities, etc.
- Measures H2S in a range of 0 to 50 ppm.
- 5A SPDT fan relay controls exhaust fans, valves, or louvers.
- Alerts are based solely on the measured H2S levels reported by the E-H2S.

#### Air Flow/Velocity Sensors

##### Air Flow Sensor



**E-AFM**

- Reacts to any condition causing insufficient flow of air.
- Switch contact is closed when air flow is >8.2 ft/s.
- Connection: 2x single strand AWG26, length 18 in.

##### Low-Cost Air Velocity Sensor



**E-AV-LC-7**

- Reliable sensor for measurement of air velocity.
- Flow range: 0-9843 ft/min (0-50 m/s).
- Accuracy: ±98 ft/min (±0.5 m/s) from 0 to 2953 ft/min (0 to 15 m/s).
- Length: 7 feet.
- Includes an RJ45 coupler to extend the sensor up to 1,000 feet using CATx cable (minimum 24AWG).

## Environmental Sensors

### Air Flow/Velocity Sensors

#### Air Velocity Sensor



E-AV-K

- Reliable sensor for measurement of air velocity.
- Flow range: 0-2000 ft/min (0-10 m/s).
- Accuracy:  $\pm 60$  ft/min (0.3 m/s) + 4% of measured value.
- Requires the E-S5VDC sensor converter to operate.

### Weather & Outdoor Sensors

#### Outdoor Temperature Sensor



E-STS-O

- Applications from  $-40$  to  $185^{\circ}\text{F}$  ( $-40$  to  $85^{\circ}\text{C}$ ).
- Accurate to within  $\pm 0.9^{\circ}\text{F}$  ( $\pm 0.5^{\circ}\text{C}$ ).
- Weatherproof enclosure.

#### Barometric Pressure Transmitter



E-BPT

- Use for determining atmospheric air pressure.
- Pressure range: 20.8 to 32 in Hg (10.2 to 15.7 psi)
- Accuracy:  $\pm 0.14$  Hg ( $\pm 0.07$  psi)
- Repeatability:  $\pm 0.03$  Hg ( $\pm 0.014$  psi)
- Pressure Hysteresis:  $\pm 0.02$  Hg ( $\pm 0.01$  psi)
- Long-Term Stability:  $\pm .014$  Hg/year ( $\pm 0.007$  psi/year)
- Requires the E-S420MA-24V to operate with E-2D/5D/16D.

#### Wind Speed Sensor/Anemometer



E-WSS

- Rugged anemometer
- 3-cup rotor pressed on a stainless steel shaft
- Reed switch and magnet providing one pulse per rotation
- Rotor diameter: 5 inches
- Speed range:  $\sim 3$  mph to 125+ mph ( $\sim 5$  kph to over 200 kph)
- 100 feet of exterior grade wire

### Pressure Sensor Transmitters

#### Pressure Sensor Transmitter, 0 to 500 psi



E-PST500

- Measure the pressure in a multitude of processes from hydraulic oils to chemicals.
- Requires the E-S5VDC sensor converter to operate with E-2D/5D/16D.
- Service: Compatible with gases and liquids
- Wetted Materials: Type 316L SS
- Accuracy: 1.0% FS; 0.5% RSS

#### Intrinsically Safe Pressure Sensor Transmitter



E-PSTxxxIS

- Monitor pressures in explosive atmospheres with barrier.
- Suitable for use in hazardous areas - Class 1 Division 1, intrinsically safe rating.
- Process Connection: 1'8" BNPT male 316 stainless steel.
- Requires the E-S420MA-24V to operate with E-2D/5D/16D.