

# CONTROL EQUIPMENT REPORT

## NEW PRODUCTS FOR YOUR CONTROL NEEDS

**KECO ENGINEERED CONTROLS**

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### ECONOMICAL PRESSURE TRANSMITTER ROSEMOUNT



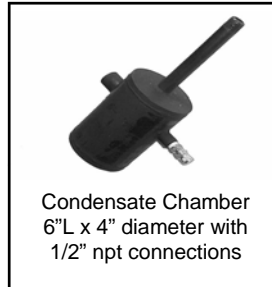
Model 2088  
Smart transmitter

The Model 2088 transmitter provides accurate gauge or absolute pressure measurement in ranges up to 4,000 psi. An optional fully configurable digital LCD meter displays pressure and diagnostic information. A low oil fill design produces very little temperature effect and outstanding accuracy.

#### Features:

- Calibrated ranges as low as 0 to 1.5 psi, as high as 0 to 4,000 psi. Negative ranges are available.
- The 2088 can be used to measure liquids, gases & vapors.
- A piezoresistive silicone sensor is available with Stainless Steel or Hastelloy wetted material.
- External zero and span pushbuttons are included.
- A compact design and a variety of connection options provide a quick, easy, low cost installation.

### SEAL POTS PROTECT INSTRUMENTS



Condensate Chamber  
6"L x 4" diameter with  
1/2" npt connections

Seal pots, also known as condensate chambers or reservoirs, are used to cool or condense hot fluids or steam at an orifice plate, venturi or other primary measuring element. Steam and liquid flow installations at temperatures over 250°F require seal pots to protect instruments from excessive heat.

#### Features:

- Seal pots provide volume for displacement of fluid in sensing lines which stabilizes head pressure during process changes.
- Units are available in 2", 3" & 4" nominal pipe sizes with 1/2", 3/4" & 1" npt or socket weld connections in a variety of configurations.
- Seal pots are available in carbon steel and stainless steel.
- Vent valves are available to release entrapped air.

## Low Cost Multi-Channel Controller with Modbus RTU

### Precision Digital

The ConsoliDator is an easy to use multiple channel controller. Two models are available. A 4 channel unit accepts four 4-20 mA dc inputs and an 8 channel unit accepts eight 4-20 mA dc inputs. Both models also accept four flow meter pulse inputs and four digital inputs. The controller is configured using easy on-screen programming. The LCD screen is visible in direct sunlight and is backlit for dimly lit areas. A master screen shows all inputs with individual bargraphs and process readings in engineering units. Individual screens also show set point data, sensor input and alarm data.



#### **ConsoliDator 8**

Master Screen display showing  
8 bargraphs and process  
readings in psi and  
feet & inches

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### Features:

- Power can be 90-264 Vac or 8-30 Vdc.
- Both power and analog inputs have transient voltage/surge protection.
- 4 channel models provide four 4-20 mA dc outputs & four relays
- 8 channel models provide two 4-20 mA dc outputs & nine relays
- Both models are equipped with MODBUS protocol serial communications.
- Panel or wall mounting available
- Engineering units such as ppm, gpm, gal, lbs, psi, ft, °C, °F and user defined units are available.
- Relays are SPDT (form C) with built in MOVs. They are programmed independently & may be assigned to any

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