

# CONTROL EQUIPMENT REPORT

## NEW PRODUCTS FOR YOUR CONTROL NEEDS

**KECO ENGINEERED CONTROLS**

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### TWO-WIRE SATURATED STEAM MASS FLOWMETER

**ENDRESS & HAUSER**



Prowirl 73W

The Prowirl 73 vortex meter computes temperature compensated mass flow using an integral flow/temperature sensor.

The electronics include a flow computer with steam tables. If line pressure is constant, mass flow of gases and superheated steam can also be calculated.

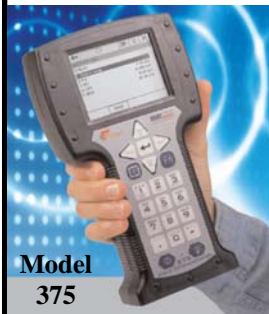
With Profibus or fieldbus, a pressure input can be read if pressure is not constant.

**Features:**

- Accuracy to ± 0.75% for liquids; ± 1% for steam & gas
- Sizes: 1/2" to 12" flanged; 1/2" to 6" wafer
- Pressures to class 1500 flanged; 300 wafer
- Low, long term costs-no moving parts, immune to dirty media, water hammer or vibration.

### NEW FIELD COMMUNICATOR INTRODUCED

**EMERSON PROCESS/ROSEMOUNT**



Model 375

The 375 enables users to configure and maintain all devices that use the HART or Foundation field bus protocols. Using the new "Easy Upgrade" feature, the communicator can be updated on site as new instruments become available. There are currently more than 600 instruments from over 100 suppliers supported by the 375 handheld unit.

**Features:**

- The 375 has a 32MB memory vs. the old 275's 12MB. Up to 25 device configurations can be stored.
- An optional expansion module can store over 500 device configurations.
- An onboard simulation enables users to practice on a device prior to connecting to it.
- Instruments can be configured on the bench or in the field.
- The 375 is powered by a rechargeable battery pack and is intrinsically safe and ATEX-compliant.

## 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 4**

Master Screen display showing 4 bargraphs and process readings in psi and feet & inches  
Prices start at \$995.00

**Features:**

- Power can be 90-264 Vac or 8-30 Vdc.
- Both power and analog inputs have chokes and transient voltage/surge protection.
- 4 channel models provide four 4-20 mA dc outputs & nine relays.
- 8 channel models provide two 4-20 mA dc outputs & nine relays
- Both models are now equipped with RS232 MODBUS RTU 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 10 A SPDT (form C) with built in MOVs. They are programmed independently & may be assigned to any

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Or  
Call or Fax us for prices.

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