

Devices Available



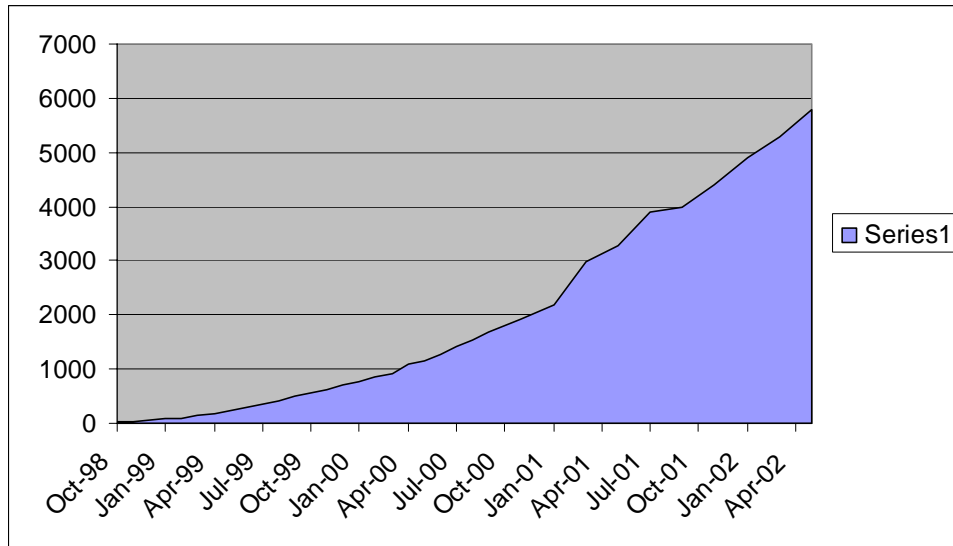
EMERSON[™]
Process Management

Agenda

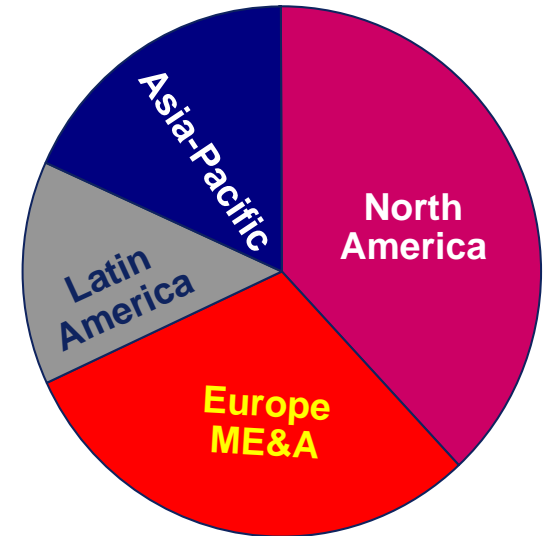
- **Examples of Fieldbus Devices**
- **Manufacturers**

Over 200,000 Foundation Fieldbus devices in more than 5,000 installations

Number of Fieldbus Projects



Source: Fieldbus Foundation



Large Systems are being Implemented Using Fieldbus



Most new projects and revamps are specifying fieldbus

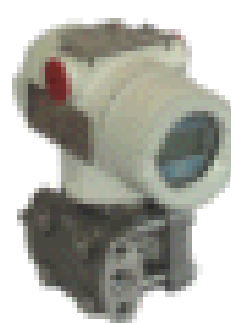
- Refining
- Chemical
- Pharmaceutical
- Pulp and Paper

139 Fieldbus Devices From 29 Leading Manufacturers are Registered At the Fieldbus Foundation

- ABB
- Beijing Huakong Technology
- Biffi
- Burkert Wrke GmbH
- Dresser Valve Division
- EIM Controls Inc
- Emerson Process Management
- Endress + Hauser
- Fieldbus Inc.
- Flowserve Corp
- Foxboro
- Fuji Electric Corp.
- Honeywell
- K-TEK
- Krohne Messtechnik
- Ledeen
- Metso Automation
- Ohmart Vega
- Oval Corp
- Pepperl + Fuchs
- Rotork Controls Ltd.
- Samson AG
- Smar International
- Stonel Corporation
- TopWorx
- Tyco Valves & Controls
- Westlock Controls
- Yamatake Corp
- Yokogawa Electric Corp.

Pressure Measurement - From 9 Manufacturers

- Absolute Pressure
- Differential Pressure



Flow Measurement - From 9 Manufacturers

- Vortex Flowmeter
- Electromagnetic Flowmeter
- Coriolis Mass Flowmeter
- Ultrasonic Flowmeter



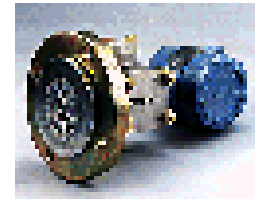
Temperature Measurement - from 10 Manufacturers

- Temperature Transmitter
- Temperature Multiplexers



Level Measurement – from 6 Manufacturers

- Level
- Ultrasonic Level
- Radar Level
- Magnetrostrictive Level
- Nuclear Level



Valve Positioners – from 11 Manufactures

- Valve Positioners



Analytical Measurements – from 3 Manufacturers

- Ph, ORP, pION
- Conductivity
- In Situ O2
- Multi-component Continuous Gas Analyzer
- Process Gas Chromatograph
- Oxygen and Combustibles



Discrete Control/Measurement – from 9 Manufacturers

- Discrete I/O
- Discrete I/O Multiplexer
- On/Off Valve



Other Requirements - From 3 Manufacturers

- Fiber optic pressure
- Fiber optic temperature
- Fieldbus to Current
- Fieldbus to Pneumatic
- Current to Fieldbus
- Mobilecorder

