ProcessMaster FEP610
The first choice for
all industrial standard
applications

ProcessMaster FEP610
Ideally suited for all industrial standard applications

Versatile, cost effective, tailored to your application
ProcessMaster FEP610 offers robust, cost effective flow measurement with the industry's widest range of liners, electrodes and sizes to meet the needs of all industrial standard applications. The ProcessMaster features the common measurement products operating concept with a high degree of performance and reliability, enabling a long service life. Available as an integral or remote mount design system – with or without local LCD display. All versions use a common transmitter with easy to understand diagnostic messages for improved operator efficiency.

Easy, quick and safe start-up
- Employing SensorApplicationMemory, on initial installation, the self-configuration sequence automatically replicates all device and calibration data into the transmitter
- Secure storage of calibration and application specific data
- Quick change-out of transmitter without reprogramming

ProcessMaster FEP610 features all functions required:
No more and no less
Easily customizable output signals
- Analog output
- Two fully configurable digital outputs (for example as pulse or frequency or status output)

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ProcessMaster FEP610 is the new flowmeter for standard applications in sectors such as chemical industry, energy, industrial waste, pulp and paper and mechanical engineering

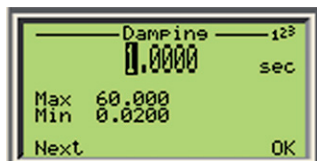| Key features at a glance	
Nominal diameter	DN 3 to 2000 ($\frac{1}{10}$ to 80 in.)
Nominal pressure	PN 10 to 40, Cl 150 to 300
Flange connection	Flange acc. to DIN/EN, ASME, JIS, others
Liner	Hardrubber, Softrubber, PTFE, PFA, ETFE
Protection class	IP 67 or IP 68
Fluid temperature	up to 130 °C (266 °F)
Inputs / Outputs	1 x analog (4 to 20 mA) 2 x digital output, fully configurable
Accuracy	0.5 % of rate
Process diagnosis	Empty pipe detection

Proven technology
ABB's common look and feel

Simplified operation, maintenance and training – a common user experience

Powerful and flexible transmitter

- Easy Set-up guides the operator step by step through the configuration
- Automatic polling of relevant parameters
- User-friendly interface for simplified data entry
- Identical menue structure across products
- Through-the-glass control allows for operation even in harsh environmental conditions
- Backlit, rotateable LCD display
- Configurable display pages
- Multiple languages integrated

One transmitter electronic fits all design types
Simplified stock keeping

Eliminating the opportunity for errors

Your benefits

- Universal wide-range power supply
  the perfect solution from 24V AC/DC to 264V AC
- Transmitter with or without LCD display
  without display – the ideal solution if a local display is not
  needed and the configuration does not need to be changed
- Integral mount design or remote mount design
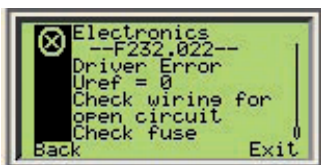 the perfect fit for your application

Easy to understand diagnostics for improved operator efficiency

Easy training

Keep your process up and running

- Continuous monitoring of sensor and transmitter integrity and process conditions
- Clear text messages for fast and efficient error handling
- Test signals to check proper functioning of the I/Os without the need for flow
- Access to diagnostic functions utilizing DTM technology
- Easy to verify based on fingerprint technology
- Service interval monitoring for a timed notification

Robust sensor design for rough environmental conditions

Proven technology

Resistant to environmental- and weather conditions

- Hermetically sealed flow sensor
- Optimum shielding against external magnetic fields
- Optimum protection of inside components from condensation, vibration and corrosion as well as from damages during transport and installation

Contact

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