

with Non-Contacting Sensors

Flow Sensor Switch

Model MUX-12

Strap-On Sensors

No fouling

No maintenance



Monitor multiple pipes with one Flow Meter

Installs in Minutes No moving parts

Maintain oil well production by monitoring for reduced flow rates at well sites, oil batteries or satellites. Use one Greyline Flow Meter or Flow Switch with multiple Sensors to scan up to 12 pipes with this RTU-controlled Sensor Switch.

No contact, No maintenance

Install without shutting down flow or cutting pipes. No contact is made with the moving fluid and no holes are drilled in the pipe. There is no pressure drop and no fouling or scale build-up on the sensor.

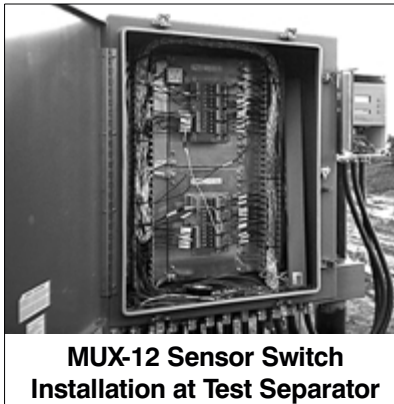
Ideal for Well Testing

Control the MUX-12 Sensor Switch through your RTU. Scan up to 12 flow sensors to check flow rates.

RELIABLE MEASUREMENT AND CONTROL

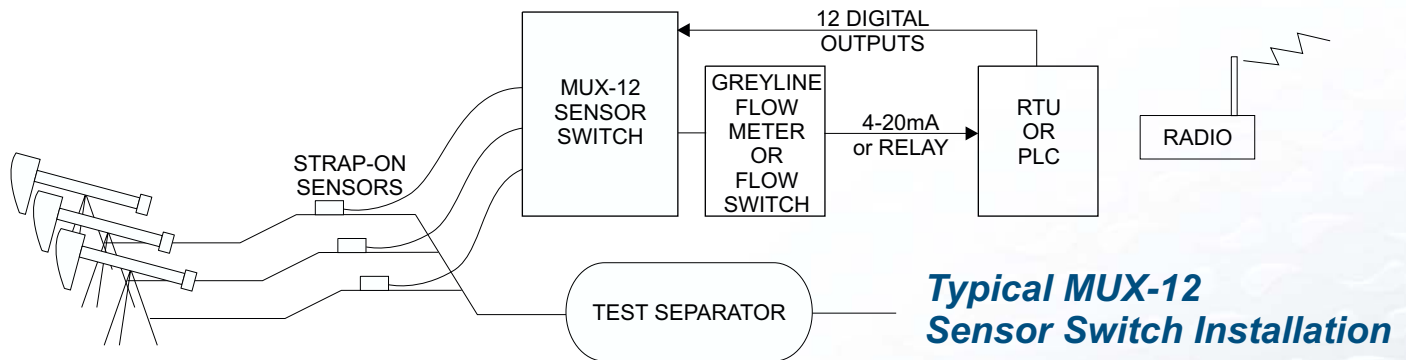
Flow Monitoring and Control

Scan Multiple Pipes with MUX12 Sensor Switch



Use the MUX-12 Sensor Switch with your choice of a Greyline DFM-III Doppler Flow Meter or a DFS-II Doppler Flow switch. Mount one strap-on ultrasonic Sensor on each pipe line. The MUX-12 Sensor Switch will activate the individual Sensors in response to a digital signal. Through your RTU or PLC you can control the scan time and duration that each individual pipe line is monitored.

Use the MUX-12 Sensor Switch with a DFM-III Doppler Flow Meter to check actual flow rates in each pipe. Or choose the Greyline DFS-II Doppler Flow Switch to scan for flow alarms only. Both models use the same non-contacting Doppler flow sensors.



MUX-12 Specifications:

Enclosure: watertight, dust tight NEMA4X fiberglass
 Power Input: 24VDC
 Control Signal Input: OFF = 0 VDC, ON = 5-24 VDC (from PLC or RTU)
 Maximum Sensors: 12 Greyline SE2 Doppler type

Options:

Power Input: 115VAC 50/60Hz
 Hazardous Locations: SE2 Sensors with optional Intrinsic Safety Barriers are CSA rated Intrinsically Safe for mounting in Class I, Div. I,II, Groups C,D,E,F,G hazardous locations
 Enclosure: NEMA7 explosion-proof, Class I, Div. I,II, Groups B,C,D,E,F,G

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