

One Series Safety Transmitter

The World's First SIL-2 Certified Safety Transmitter AND Safety Trip Alarm COMBINED



- NAMUR NE 43 compliant 4-20mA output (3.6mA at fault)
- High-capacity, programmable Safety Relay can trip a final element directly in
- Redundant Safety Relay Status signal for PLC/DCS input and voting logic schemes
- IAW™ (I Am Working) diagnostics annunciated locally and remotely
- Highest Safe Failure Fraction (SFF) of all SIL-certified transmitters
- Monitors gage pressure, differential pressure or temperature

Highlighted Features:

- Password protection
- Plugged Port Detection
- Configurable IAW[™] self-diagnostics
- SFF up to 98.8%

- Programmable Set Point and Deadband
- MAX/MIN process values memory
- Dual Seal compliant pressure sensors
- Nuisance Trip configurable filter

Application example: High pressure/temperature safety shutdown

4-20 mA (NAMUR NE 43 Compliant)

Safety Relay Status (24 VDC @ 20 mA)

IAW[™] Status Diagnostics (24 VDC @ 20 mA)





The One Series Safety Transmitter offers:

- + Continuous process & system monitoring
- + Diversity in switching: directly or through PLC, DCS output
- + Separate diagnostic contact (opens at fault)

Safety Relay Output Ratings: 0-30 VDC @ 6A, 0-130 VDC @ 2.5A or 75-250 VAC @ 5A



Pressure & Temperature Transmitter/Switch







Pressure Relief Valve

For more information Please visit our website at www.ueonline.com or call 617-923-6977