



# SFT 835™ loop powered flow totalizer/rate meter



**A low-cost industrial flow totalizer and rate meter – the SFT 835™ measures flow in hazardous areas.**

- Loop powered
- 16 point linearization
- Easy setup & access
- Wide temperature range
- Easy installation
- Field-proven – High reliability



## applications

- Oil
- Gas
- Chemical
- Agricultural
- Industrial
- Food and Beverage
- Water and Wastewater
- Transport
- Pulp and Paper
- Mining

## fluids monitored

- Crude Oil (sweet, sour)
- Condensate
- Water
- Chemicals
- Acids, Bases
- Refined Petroleum
- Heavy Crude
- Salt Water
- Alcohol



is now **Titan Logix Corp.**, providing instrumentation solutions for: level and flow, transport, burner controls, communication, and drilling.



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# SFT 835™ features

*The SFT 835™ accepts turbine pulses, amplifies them, calculates flow-total, flow-rate, displays this information on the built-in display, and provides a 4-20 mA signal proportional to flow-rate.*



- CSA approved
  - Class I, Div 1, Groups B, C, D, Explosion Proof
- Cost of barriers is eliminated if installation is completed to Class I specifications.
- 16 point linearization
- User friendly: simple-to-program
- Keypad selectable: Engineering units/rate time base (gallons, litres, cubic meters, per minute/hour/day)
- Battery backed up serial RAM to retain calibration settings & last total

## operating temperature –

- -40° C to +70° C

## input –

- Frequency: 1 Hz to 3.0 KHz
- Amplitude: 20mV PP

## accuracy –

- Total: +/- one count
- Rate: +/- 0.04 %

## enclosure –

- CSA Type 4, Explosion Proof

## programming / operation keys –

- Total / Reset
- Menu / Enter
- Select Digit
- Change Digit

- Instant update on totals
- Dry contact pulse out with pre-scaling
- Optically isolated pulse out & reset input
- Large LCD display specifically designed for -40° C operation
- Total & rate are alternately displayed. Adjustable from 0-20 seconds
- Loop powered: 4-20 mA
- Wide temperature range: (-40°C to +70°C)

## displayed data –

### total:

- 8-digits with 3-decimal point positions

### K Factor:

- 7-digits with 2-decimal point positions

### flow rate:

- 5-digits with 2-decimal point positions

### rate update:

- Selectable 2 to 20 seconds max



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