

# Micro Motion® Density Meters

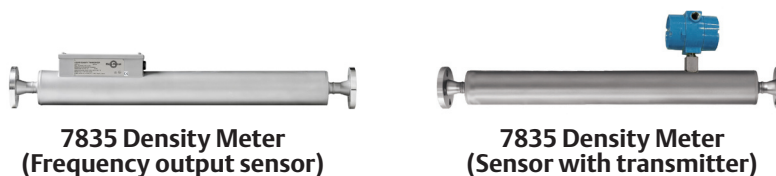
## Emerson Announces Explosion-Proof Micro Motion® Liquid Density Meter with Integral Transmitter

### Micro Motion 7835 Liquid Density & Concentration Meters

With the introduction of an explosion-proof / flame-proof certified version of its Micro Motion 7835 custody transfer density meter, Emerson has completed its range of the world-leading 7835 density meters.

- Peak performance density measurement
- Very low maintenance with no moving parts or seals
- Intrinsically safe (ATEX II 1 G EEx ia IIC T6) and explosion proof / flame proof (ATEX II 2 G EEx d IIC T6)
- Frequency output or head-mounted transmitter options
- Simplified installation reducing project costs
- Long term stability and low temperature coefficient (Ni-Span-C vibrating tube)
- Unaffected by vibration or flow/pressure variations
- Low pressure drop, drainable, straight-through design
- Meter of choice for custody transfer and fiscal applications
- Superb measurement for routine control applications

Depending on the functionality required, the Micro Motion 7835 density meters can be specified as a frequency output sensor version (requires external signal converter or flow computer) or as a transmitter version with integral communications (Modbus RS-485 and two 4-20 mA outputs). On-site factory calibration is traceable to UK National Standards through Emerson's on-site accredited density laboratory.



Certification	ATEX II1G Ex ia IIC T6	ATEX II1G Ex ia IIC T4	ATEX II2G Ex d IIC T6	ATEX II2G Ex d IIC T4
Frequency Output	●	●	●	
2 x 4-20mA		●		●
RS485 Modbus		●		●



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