

# VISCOSITE SPECIFICATIONS

## PERFORMANCE

Range	0.1 – 1,000, 000 cP (depends on transducer model / probe type)
Accuracy	± 2% of reading
Repeatability	± 0.25% of reading
Reproducibility	± 1% of reading
Response time	Real time analysis
Analysis frequency	1 Hz

## ENVIRONMENT

Ambient temperature	Transmitter: -20 to 60°C (32-140°F) Sensor: Depends on model
Dimensions	Transmitter: 301mm (H) x 335mm (W) x 172mm (D) (12" x 13" x 7") Sensor: Depends on application
Weight	Transmitter: 5.5kg (12lb) Sensor: Depends on application

## UTILITIES

Power supply	10 W @ 24VDC or 90-265VAC
Power consumption	10 W @ 24VDC or 90-265VAC

## COMMUNICATIONS

Communication	Modbus RS 232, Modbus RS 485, USB, Ethernet
Digital outputs	2 – SPDT Alarm relays, 4A @30VDC/120VAC OR 2A @ 240VAC
Analog output	3 – 0-10VDC/2-10VDC/0-20mA/4-20mA analog outputs (isolated, scaled to range, user configurable)
Analog input	1 – 0-10VDC/2-10VDC/0-20mA/4-20mA analog input for density transducer (isolated, scaled to range, user configurable, no sourcing current) 2 – RTD Inputs (Transducer Dome and Probe temperature), factory configured

## APPROVALS & CERTIFICATIONS

Transmitter	NA / CSA Class 1 Division 2 Groups BCD T3 (Field Certificate)
Sensor	Up to Class 1 Division 1 or ATEX / IECEx Zone 1