

FAST101/MXTS™

Viscosity Sensor/Transmitter



FMXTS

The FAST101/MXTS is a simple solution to viscosity control when special features or elaborate operator interfaces are not required.

The FAST101/MXTS Viscosity Sensor coupled with a PLC allows an operator to make better and faster decisions without depending on unreliable or inconsistent measurement techniques.

The FAST101/MXTS is also ideal for low cost, seamless integration of viscosity measurements with factory-floor, automated control systems (PC, PLC, DCS, etc.). Our new FAST101/MXTS includes a powerful digital communication feature that allows up to 12 viscometers to be networked into a single reliable multi-stationed viscosity measurement system.

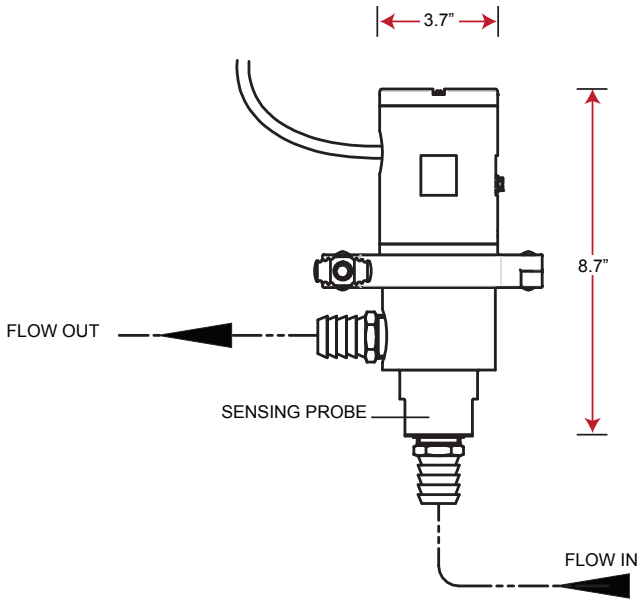
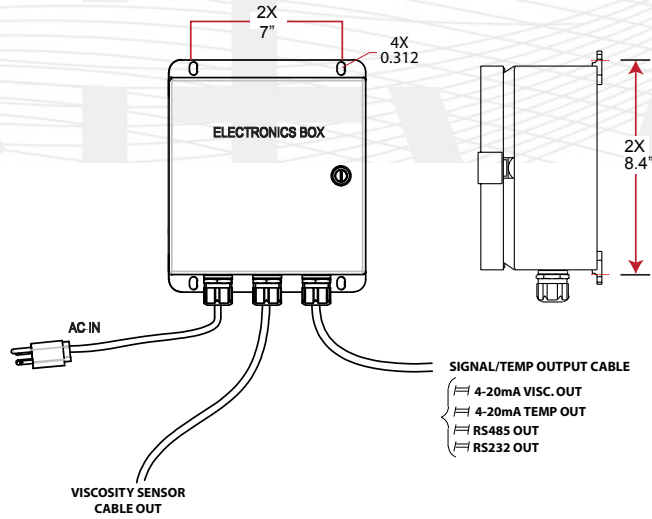
OPTIONS



Single-Station Controller



Multi-Station Controller



FAST101/MXTS Sensor Specifications

Measurement Type:	Torsionally oscillating probe
Measurement Range:	1 to 3,000 (optional 12,000) cSt using an NIST traceable, Newtonian fluid measured at 25°C
Process Connections:	3/4" standard, (1 1/2" tri-clamp or 3A design, optional)
Repeatability:	±1.0% of reading
Wetted Surfaces:	316L stainless steel
Sensor O-Ring:	Isolast for probe Viton for chamber housing (EDPM or Kalrez®, optional)
Temperature (fluid):	-4°F to 392°F (-20°C to 200°C)
Pressure Range:	Vacuum to 200 psig max., 400 psig option

FMXTS Transmitter Specifications

Viscosity Ranges (cSt): (field selectable)	0 to 10, 0 to 50, 0 to 100, 0 to 250, 0 to 500, 0 to 1000, 0 to 1500, 0 to 2000, 0 to 12500
Analog Output (2):	4-20 mA (non-isolated) CH1 = viscosity CH2 = temperature
Seral Port (2):	Port 1 = RS232, simple, read only Port 2 = 1/2 Duplex RS485, Modbus RTU driver
Electronics Packaging:	Wall mount, NEMA-4 (IP65), 8" x 8" x 6" (203 x 203 x 152mm) 32°F to 104°F (0°C to 40°C)
Electrical Area Rating:	NEMA-4
Interconnecting Cable:	25 ft (7.6m) standard Optional: 50 ft (15.2m), 75 ft (22.8m) and 100 ft (30.4m)
Supply Voltage:	18-30VDC or 115VAC/60 Hz or 230VAC/50 Hz (±10% max), power draw <1 amp

Specifications subject to change without notice.