

COMPARISON OF FOX FLOW METER FEATURES FOX MODELS FT1, FT2A, AND FT3

	MODEL FT1	MODEL FT2A	MODEL FT3	
FEATURES	METER TYPE	Insertion: 1.5" - 70"	Insertion: 1.5" - 70" Inline (w/flow conditioners): ¼" - 6" Remote sensor mounting optional	
	OUTPUTS	USB Port; 4 to 20mA - HART option; Selection of one 2nd output: <ul style="list-style-type: none"> Pulse Communication Options 	USB Port; 2 X 4 to 20mA; Pulse Communication Options	
	COMMUNICATION OPTIONS	RS485 Modbus RTU BACnet MS/TP	RS485 Modbus RTU BACnet MS/TP Profibus-DP DeviceNet Ethernet Modbus TCP	RS485 Modbus RTU HART
	CONTACT OR DISCRETE I/O	Discrete output for alarms**	Discrete output for alarms** Contact input to reset total	Discrete output for alarms** Contact input to reset total
	DATALOGGER	None	None	Yes, with date/time stamp
	CALIBRATION VALIDATION (in-situ verification)	Zero CAL-CHECK™	None	CAL-V™ Zero CAL-CHECK™
	POWER	10-30VDC***	24VDC ±10% 85-264VAC****	24VDC ±10% 85-264VAC****
	DISPLAY	(Optional) 2-Lines x 16-Characters Backlit	(Standard) 2-Lines x 16-Characters Backlit	(Optional) 2-Lines x 16-Characters Backlit Infrared buttons
	GAS SELECT MENU	Yes - Gas-SelectX™	None	None
	GAS/GAS MIXES	Air Argon Butane Carbon Dioxide Helium Hydrogen	Methane Natural Gas Nitrogen Oxygen Propane 3-Gas Mixes	Extensive
	SENSOR	DDC-Sensor™ ¾" probe	PowerPro™ Sensor ½" probe	PowerPro™ Sensor ½" probe
FREE SOFTWARE DOWNLOADS	Yes - FT1 View™	Yes - FT2A View™	Yes - FT3 View™	
SPECS	ACCURACY	±1% R ±0.5% FS (air) ±1.5% R ±0.5% FS (all other gases)	±1% R ±0.2% FS	±1% R ±0.2% FS
	VELOCITY RANGE	0 - 15,000 SFPM; 0 - 71 NMPS	0 - 60,000 SFPM; 0 - 283 NMPS	0 - 60,000 SFPM; 0 - 283 NMPS
	SENSOR TEMPERATURE RATINGS	-40° to 250°F (-40° to 121°C)	ST: -40° to 250°F (-40° to 121°C) HT: -40° to 650°F (-40° to 343°C)	ST: -40° to 250°F (-40° to 121°C) HT: -40° to 650°F (-40° to 343°C)
	MAXIMUM PRESSURE	300 psig (20 barg)	500 psig (34 barg)	500 psig (34 barg)
	APPROVALS*	CE Mark* FM/FMc Class I Div 1* ATEX/IECEX Zone 1*	CE Mark* FM/FMc Class I Div 2*	CE Mark* FM/FMc Class I Div 1* ATEX/IECEX Zone 1*

*See Model Datasheets for more specific information on Approvals

**Contact output in place of pulse

***12 - 28VDC for CE Mark approvals

****100 - 240VAC for CE Mark approvals