

Fox Thermal Instruments, Inc. Model FT2 Insertion Flowmeter & Temperature Transmitter Price List

	Code	Description	
Parent Model No.*	FT2	Insertion Mass Flowmeter & Temperature Transmitter	
Feature 1: Probe*	04I	Insertion meter with 4-inch probe. (for 1.5" & 2" pipes only)	
"See Calculating Probe Lengths" Below Compression fitting included at no charge	06I	Insertion meter with 6-inch probe.	
	09I	Insertion meter with 9-inch probe	
	12I	Insertion meter with 12-inch probe	
	15I	Insertion meter with 15-inch probe	
	18I	Insertion meter with 18-inch probe	
	24I	Insertion meter with 24-inch probe	
	30I	Insertion meter with 30-inch probe	
	36I	Insertion meter with 36-inch probe	
	15R	15" Probe w/ 60 PSI retractor & full port valve - 3/4" male NPT process connection	
	18R	18" Probe w/ 60 PSI retractor & full port valve - 3/4" male NPT process connection	
	24R	24" Probe w/ 60 PSI retractor & full port valve - 3/4" male NPT process connection	
	30R	30" Probe w/ 60 PSI retractor & full port valve - 3/4" male NPT process connection	
	36R	36" Probe w/ 60 PSI retractor & full port valve - 3/4" male NPT process connection	
		Probes over 36" and flange mounting options	
	R1	Crank Retractor 1.5" NPT, 600 PSI, no valve	
	R2	Crank Retractor 1.5", 150# flange, no valve	
	R3	Crank Retractor 1.5", 300# flange, no valve	
	Feature 2: Sensor Material*	SS	316 stainless steel sensor wetted parts
		SH	Hastelloy C-276 sensor & probe 12" or less, 316 SS compression fitting
	SJ	Hastelloy C-276 sensor & probe, Hastelloy C-276 compression fitting	
	SL	Hastelloy C-276 wetted parts for probe above 12 inches	
Feature 3: Sensor Type*	ST	Standard Sensor -40 to 250F (-40 to 121C)	
	HS	High Temperature Sensor 32 to 400F (0 to 204C)	
	HT	High Temperature Sensor 32 to 650F (0 to 343C). E3, E4, E5, or E6 req'd.	
Feature 4: Enclosure*	E1	Local NEMA 4X enclosure, 24 VDC powered	
	E2	Local NEMA 4X enclosure, 85 to 250 VAC powered	
	E3	Remote NEMA 4X encl., 24 VDC powered, 100' max, no cable	
	E4	Remote NEMA 4X encl., 85 to 250 VAC, 100' max, no cable	
	E5	Remote with explosion-proof sensor J-box, 24 VDC powered, 100' max, no cable	
	E6	Remote with explosion-proof sensor J-box, 85 to 250 VAC power, 100' max, no cable	
Feature 5: Display & Config. Panel*	D0	No Display & Configuration Panel	
	DD	Include Rate/Total Display & Configuration Panel	
Feature 6: Bus Options*	B0	No communication bus	
	MB	Modbus	
	BD	DeviceNet Bus - DD REQUIRED	
	BP	Profibus-DP - DD REQUIRED	
	BE	Ethernet - DD REQUIRED	
Feature 7: Calibration*	G1	Air, N2: MF less than 1200 SCFM (2040 NM3H)	
	G2	Air, N2: MF above 1200 SCFM (2040 NM3H)	
	G3	Ar, CO2, H2, CH4, Natural Gas, O2: MF < 1000 SCFM (1700 NM3H)	
	G4	Ar, CO2, H2, CH4, Natural Gas, O2: MF > 1000 SCFM (1700 NM3H)	
	G5	CO, He, AMMONIA, PROPANE, DIG. GAS: MF < 700 SCFM (1190 NM3H)	
	G6	CO, He, AMMONIA, PROPANE, DIG. GAS: above 700 SCFM (1190 NM3H)	
	G7	All other gases	
Options	101364	Extra instruction manual	
	101570	5 conductor, 18 AWG PVC shielded cable for remote. Specify feet (100' max.)	
	100657	Stainless Steel Tags	
	101216	90 degree elbow - makes housing upright in vertical pipes	
	890000	Flowmeter cleaned and bagged for Oxygen service	
	101314	Palm PDA inc expansion card, serial cable & Fox config software	
	101318	PD693 Six Digit Rate/Totalizer 115 VAC powered, pulse input	
	101319	PD693 Six Digit Rate/Totalizer 230 VAC powered, pulse input	

NOTES:

1) *The Parent Model Number and one of each Feature must be specified.

Example: FT2-06I-SS-ST-E2-DD-B0-G1

2) Retractors R1 - R3: Minimum pipe size is 2". Maximum pipe size is 1/2 the pipe diameter + valve dimension cannot exceed 19.5"

Insertion flowmeters can be installed on 1.5" pipes or larger. Quote Inline Flowmeters for pipes smaller than 1.5".

Calculating Probe Length - Position the Fox Sensor in the center of the pipe. Use the following to calculate the probe length:

Probe Length = 1/2 D + 2" + Insulation + Retractor (for codes 15R through 36R, add 10"). Round up to next larger probe available, Quote 4" probe (04I) for 1.5" (40mm) and 2" (50mm) pipes. Do not quote 04I for pipes larger than 2".

D = pipe diameter; Insulation = Thickness of insulation (if any); Retractor = Dimension of retractor, if supplied.

Example: Pipe ID = 10", no insulation or retractor: 5" + 2" = 7". Round up to 9" probe (09I).

February 1, 2006

FT2 Inline Flowmeter/Temperature Transmitter Product Codes

Fox Thermal Instruments, Inc. Model FT2 Inline Flowmeter & Temperature Transmitter

	Code	Description	
Parent Model No.*	FT2	Inline Mass Flowmeter & temperature transmitter.	
Feature 1 : Probe/Body*	025P	1/4 inch 316ss PIPE with male npt ends (schedule 40)	
	05P	1/2 inch 316ss PIPE with male npt ends (schedule 40)	
	075P	3/4 inch 316ss PIPE with male npt ends (schedule 40)	
	10P	1 inch 316ss PIPE with male npt ends (schedule 40)	
	15P	1.5 inch 316ss PIPE with male npt ends (schedule 40)	
	20P	2 inch 316ss PIPE with male npt ends (schedule 40)	
	25P	2.5 inch 316ss PIPE with male npt ends (schedule 40)	
	30P	3 inch 316ss PIPE with male npt ends (schedule 40)	
	40P	4 inch 316ss PIPE with male npt ends (schedule 40)	
	05F	1/2 inch 316ss PIPE with 150# RF flanges (schedule 40)	
	075F	3/4 inch 316ss PIPE with 150# RF flanges (schedule 40)	
	10F	1 inch 316ss PIPE with 150# RF flanges (schedule 40)	
	15F	1.5 inch 316ss PIPE with 150# RF flanges (schedule 40)	
	20F	2 inch 316ss PIPE with 150# RF flanges (schedule 40)	
	25F	2.5 inch 316ss PIPE with 150# RF flanges (schedule 40)	
	30F	3 inch 316ss PIPE with 150# RF flanges (schedule 40)	
	40F	4 inch 316s PIPE with 150# RF flanges (schedule 40)	
	60F	6 inch 316ss PIPE with 150# RF flanges (schedule 40)	
			300# RF flanges
	Feature 2: Sensor Material*	SS	316 stainless steel sensor and flowbody
SJ		Hastelloy C-276 sensor w/ 316SS flow body & compression fitting	
SL		Hastelloy C-276 all wetted parts	
Feature 3: Sensor Type*	ST	Standard Sensor -40 to 250F (-40 to 121C)	
	HS	High Temperature Sensor 32 to 400F (0 to 204C)	
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Feature 6: Bus Options*	B0	No communication bus	
	MB	Modbus	
	BD	DeviceNet Bus - DD REQUIRED	
	BP	Profibus-DP - DD REQUIRED	
	BE	Ethernet - DD REQUIRED	
Feature 7: Calibration* MF = Maximum Flow Rate Calibration prices listed here are for new flowmeter orders only. Contact Fox for recalibration prices.	G1	Air, N2: MF less than 1200 SCFM (2040 NM3H)	
	G2	Air, N2: MF above 1200 SCFM (2040 NM3H)	
	G3	Ar, CO2, H2, CH4, Natural Gas, O2: MF < 1000 SCFM (1700 NM3H)	
	G4	Ar, CO2, H2, CH4, Natural Gas, O2: MF > 1000 SCFM (1700 NM3H)	
	G5	CO, He, AMMONIA, PROPANE, DIG. GAS: MF < 700 SCFM (1190 NM3H)	
	G6	CO, He, AMMONIA, PROPANE, DIG. GAS: above 700 SCFM (1190 NM3H)	
	G7	All other gases	

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Example: FT2-20P-SS-ST-E2-DD-B0-G1

Options	Code	Description
	101364	Extra instruction manual
	101570	5 conductor, 18 AWG PVC shielded cable for remote. Specify feet. (100' max.)
	100657	Stainless Steel Tags
	101216	90 degree elbow - makes housing upright in vertical pipes
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