

FT2 Insertion Flowmeter/Temperature Transmitter Product Codes

Effective January 1, 2007

	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/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts	
	18R	18" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts	
	24R	24" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts	
	30R	30" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts	
	36R	36" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts	
		Probes over 36" and flange mounting options	
	R1	Crank Retractor 1.5" NPT, 600 PSI, no valve - 316 SS wetted parts**	
	R2	Crank Retractor 1.5", 150# flange, no valve - 316 SS wetted parts**	
	R3	Crank Retractor 1.5", 300# flange, no valve - 316 SS wetted parts**	
	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 or E4 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 with explosion - proof sensor J-box, 24 VDC powered, 100' max, no cable	
	E4	Remote with explosion - proof sensor J-box, 85 to 250 VAC power, 100' max, no cable	
Feature 5: Display & Config. Panel*	DO	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)	
MF = Maximum Flow Rate Calibration prices listed here are for new flowmeter orders only. Contact Fox for recalibration prices.	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	
	102299	90 degree elbow kit - 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	
	999995	Chamber of Commerce Certificate of Origin	
	101685	RS232 Transition Board	

NOTES:
 * The Parent Model Number and one of each Feature must be specified.
 ** Retractors R1 - R3: Minimum pipe size is 2". Maximum pipe size is 1/2 the pipe diameter + valve dimension cannot exceed 19.5"
 *** HT Sensor for AIR only. Contact factory for calibration charge.

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).

FT2 Inline Flowmeter/Temperature Transmitter Product Codes

Effective January 1, 2007

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*
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)
	HT High Temperature Sensor 32 to 650F (0 to 343C). E3 or E4, 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 with explosion - proof sensor J-box, 24 VDC powered, 100' max, no cable
	E4 Remote with explosion - proof sensor J-box, 85 to 250 VAC power, 100' max, no cable
Feature 5: Display & Config. Panel*	DO 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
	MF = Maximum Flow Rate Calibration prices listed here are for new flowmeter orders only. Contact Fox for recalibration prices.
Options	101364 Extra instruction manual
	101570 5 conductor, 18 AWG PVC shielded cable for remote. Specify feet. (100' max.)
	100657 Stainless Steel Tags
	102299 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
	999995 Chamber of Commerce Certificate of Origin
	101685 RS232 Transition Board

Notes:

- * The Parent Model Number and one of each Feature must be specified.
- ** HT Sensor for AIR only. Contact factory for calibration charge
- *** Above 2,500 SCFM (4,250 NM3H) consult factory for calibration charge.