

FT4X Insertion Flow Meter Model Codes

MODEL FT4X

	Code	Description
Parent Model No.*	FT4X	Insertion Mass Flow Meter including display/configuration panel, two 4-20mA outputs, pulse output, contact input, data logger & USB port standard
<div style="border: 1px dashed black; padding: 5px; margin-bottom: 5px;">See "Calculating Probe Length" Below</div> <div style="border: 1px dashed black; padding: 5px;">1" MNPT Compression fitting included at no charge</div>	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/ 150 PSI retractor & full port valve - 1" male NPT, 316 SS wetted parts
	18R	18" Probe w/ 150 PSI retractor & full port valve - 1" male NPT, 316 SS wetted parts
	24R	24" Probe w/ 150 PSI retractor & full port valve - 1" male NPT, 316 SS wetted parts
	30R	30" Probe w/ 150 PSI retractor & full port valve - 1" male NPT, 316 SS wetted parts
	36R	36" Probe w/ 150 PSI retractor & full port valve - 1" male NPT, 316 SS wetted parts
Feature 2: Enclosure and Power*	E1	Local Explosion Proof enclosure, 24VDC powered
	E3	Remote Explosion Proof J-box, includes remote mounting kit, cable sold separately, 100' max
Feature 3: Communications*	B0	No communications option
	RS	RS485 Modbus RTU
	BH	HART enabled on primary 4-20mA output

OPTIONS

Part #	Description
107661	1.5" FC10 SS Flow Conditioner**
107343	2" FC10 SS Flow Conditioner**
107344	2.5" FC10 SS Flow Conditioner**
107345	3" FC10 SS Flow Conditioner**
107346	4" FC10 SS Flow Conditioner**
107358	5" FC10 SS Flow Conditioner**
107347	6" FC10 SS Flow Conditioner**
107348	8" FC10 SS Flow Conditioner**
107349	10" FC10 SS Flow Conditioner**

OPTIONS

Part#	Description
106796	Extra Instruction Manual
100657	Stainless Steel Tags
999992	Certificate of Conformance
999995	Certificate of Origin
107698	USB Cable, A-male/micro USB-B male, 6 feet
106958	8 conductor, 18 AWG PVC shielded cable for remote. Specify length in ft (100' max.)
106415	Teflon Ferrule Kit, 60 psi max.
890000	Flowmeter cleaned and bagged for Oxygen service
106658	Conduit/Wiring Entry Adapter, 3/4" NPT to M20 x 1.5
106728	AC to 24VDC Power converter with DIN mounting rail

NOTES: * The Parent Model Number and one of each Feature must be specified.
 Example: FT4X-15R-E3-RS
 ** FC10 Flow Conditioners are designed for use in schedule 40 pipes only

Insertion flow meters can be installed in 1.5" pipes or larger.
 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 pipe diameter (D) + 3" + insulation + retractor (for codes 15R through 36R, add 10"). Round up to next larger probe available.
 D = pipe diameter; Insulation = Thickness of insulation (if any); Retractor = Dimension of retractor (10"), if supplied.
 Example 1: Pipe ID = 10", no insulation or retractor: 5" + 3" = 8". Round up to 9" probe (09I).
 Example 2: Pipe ID = 10" with retractor, no insulation: 5" + 3" + 10"(retractor) = 18" (18R probe with retractor).

FT4X Inline Flow Meter Model Codes

MODEL FT4X

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** Above 2,500 SCFM (4,250 NM3H) consult factory for calibration charge.