

FT1 Insertion Flow Meter Model Codes

MODEL FT1

Code	Description
Parent Model No.*	FT1 Insertion Mass Flow meter; 4 to 20 mA and USB outputs standard
Feature 1: Probe*	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: Display*	D0 No Display and Configuration Panel
	DD Include Rate/Total Display & Configuration Panel
Feature 3: Outputs*	P1 4 to 20mA + Pulse Output
	BH 4 to 20mA/HART + Pulse Output
	RS 4 to 20mA + RS 485 (Modbus RTU or BACnet MS/TP - Field selectable)

OPTIONS

Part#	Description
890000	Flow meter cleaned and bagged for Oxygen service
999992	Certificate of Conformance
999995	Certificate of Origin
106012	Extra instruction manual
104870	USB Cable, A-male/mini USB-B male
106415	Teflon Ferrule Kit, 60 psi max.
100657	Stainless Steel Tags
106728	24VDC power supply with DIN mounting rail
106658	3/4" NPT/M20 x 1.5 Adaptor

NOTES: * The Parent Model Number and one of each Feature must be specified.
Example: FT1-09I-DD-RS

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).