

FT1 Insertion Flow Meter Model Codes

MODEL FT4A

Code	Description																										
Parent Model No.*	FT4A Insertion Mass Flow meter; 4 to 20 mA and USB outputs standard																										
Feature 1: Probe*	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td>06I</td><td>Insertion meter with 6-inch probe</td></tr> <tr><td>09I</td><td>Insertion meter with 9-inch probe</td></tr> <tr><td>12I</td><td>Insertion meter with 12-inch probe</td></tr> <tr><td>15I</td><td>Insertion meter with 15-inch probe</td></tr> <tr><td>18I</td><td>Insertion meter with 18-inch probe</td></tr> <tr><td>24I</td><td>Insertion meter with 24-inch probe</td></tr> <tr><td>30I</td><td>Insertion meter with 30-inch probe</td></tr> <tr><td>36I</td><td>Insertion meter with 36-inch probe</td></tr> <tr><td>15R</td><td>15" Probe w/ 60 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts</td></tr> <tr><td>18R</td><td>18" Probe w/ 60 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts</td></tr> <tr><td>24R</td><td>24" Probe w/ 60 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts</td></tr> <tr><td>30R</td><td>30" Probe w/ 60 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts</td></tr> <tr><td>36R</td><td>36" Probe w/ 60 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts</td></tr> </tbody> </table>	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, 316 SS wetted parts	18R	18" Probe w/ 60 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts	24R	24" Probe w/ 60 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts	30R	30" Probe w/ 60 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts	36R	36" Probe w/ 60 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts
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Feature 2: Display*	DD Include Rate/Total Display & Configuration Panel																										
Feature 3: Outputs*	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td>P1</td><td>4 to 20mA + Pulse Output</td></tr> <tr><td>BH</td><td>4 to 20mA/HART + Pulse Output</td></tr> <tr><td>RS</td><td>4 to 20mA + RS 485 (Modbus RTU)</td></tr> </tbody> </table>	P1	4 to 20mA + Pulse Output	BH	4 to 20mA/HART + Pulse Output	RS	4 to 20mA + RS 485 (Modbus RTU)																				
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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: FT4A-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).