



MODEL FT2A INSERTION METER

Insertion Mass Flow meter & Temperature Transmitter; includes display Insertion meter with 6-inch probe (all 6" probes will have an equal length sensor) Insertion meter with 12-inch probe Insertion meter with 12-inch probe Insertion meter with 13-inch probe Insertion meter with 18-inch probe Insertion meter with 24-inch probe Insertion meter with 30-inch probe Insertion meter with 30-inch probe Insertion meter with 30-inch probe Insertion meter with 36-inch probe Insertion meter with 36-inch probe Insertion meter with 35-inch probe Insertion meter with 36-inch probe Insertion meter with 28-inch probe Insertion meter with 18-inch probe In
Insertion meter with 9-inch probe Insertion meter with 12-inch probe Insertion meter with 13-inch probe Insertion meter with 18-inch probe Insertion meter with 18-inch probe Insertion meter with 30-inch probe Insertion meter with 30-inch probe Insertion meter with 30-inch probe Insertion meter with 36-inch probe Insertion meter w
Insertion meter with 9-inch probe Insertion meter with 12-inch probe Insertion meter with 13-inch probe Insertion meter with 18-inch probe Insertion meter with 18-inch probe Insertion meter with 30-inch probe Insertion meter with 30-inch probe Insertion meter with 30-inch probe Insertion meter with 36-inch probe Insertion meter w
Insertion meter with 12-inch probe Insertion meter with 13-inch probe Insertion meter with 18-inch probe Insertion meter with 18-inch probe Insertion meter with 30-inch probe Insertion meter with 30-inch probe Insertion meter with 30-inch probe Insertion meter with 36-inch probe Insertion meter with 24-inch probe Insertion meter with 36-inch probe Insertion meter with 48-inch probe Insertion meter with 47-inch probe Insertion meter
Insertion meter with 15-inch probe Insertion meter with 18-inch probe Insertion meter with 24-inch probe Insertion meter with 30-inch probe Insertion meter with 36-inch probe Insertion meter with 30-inch probe Insertion meter with 30-inch probe Insertion meter with 20-inch probe Insertion meter with 20-inch probe Insertion meter with 24-inch probe Insertion meter with 26-inch probe Insertion meter with 30-inch probe Insertion meter
Insertion meter with 18-inch probe Insertion meter with 24-inch probe Insertion meter with 30-inch probe Insertion meter with 30-inch probe Insertion meter with 36-inch probe Insertion meter with 36-inch probe Is* Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 18* Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 24* Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 30* Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 36* Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts Crank Retractor 1.5" NPT, 600 PSI, no valve - 316 SS wetted parts** Crank Retractor 1.5" NPT, 600 PSI, no valve - 316 SS wetted parts** Crank Retractor 1.5", 150# flange, no valve - 316 SS wetted parts** Probes over 36" and flange mounting options 316 stainless steel sensor and compression fitting Hastelloy C-276 sensor w/ 316SS compression fitting Hastelloy C-276 sensor and probe; Monel compression fitting Hastelloy C-276 sensor and probe; Honel compression fitting Standard Sensor -40 to 250F (-40 to 121C) High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4 required - AIR ONLY, 8,000 SFPM Max Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 85 to 264VAC powered
Insertion meter with 24-inch probe Insertion meter with 30-inch probe Insertion meter with 30-inch probe Insertion meter with 30-inch probe Is" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 18" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 24" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 30" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 36" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts Crank Retractor 1.5" NPT, 600 PSI, no valve - 316 SS wetted parts** Crank Retractor 1.5", 150# flange, no valve - 316 SS wetted parts** Crank Retractor 1.5", 300# flange, no valve - 316 SS wetted parts** Probes over 36" and flange mounting options 316 stainless steel sensor and compression fitting Hastelloy C-276 sensor w/ 316SS compression fitting Hastelloy C-276 sensor and probe; Monel compression fitting Hastelloy C-276 sensor and probe; Hastelloy C-276 compression fitting Standard Sensor -40 to 250F (-40 to 121C) High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4 required - AIR ONLY, 8,000 SFPM Max Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 25 to 264VAC powered
Insertion meter with 30-inch probe Insertion meter with 36-inch probe 15" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 18" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 24" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 30" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 36" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 36" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts Crank Retractor 1.5" NPT, 600 PSI, no valve - 316 SS wetted parts** Crank Retractor 1.5", 150" flange, no valve - 316 SS wetted parts** Crank Retractor 1.5", 300# flange, no valve - 316 SS wetted parts** Probes over 36" and flange mounting options 316 stainless steel sensor and compression fitting Hastelloy C-276 sensor w/ 316SS compression fitting Hastelloy C-276 sensor and probe; Monel compression fitting Hastelloy C-276 sensor and probe; Honel compression fitting Standard Sensor -40 to 250F (-40 to 121C) High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4 required - AIR ONLY, 8,000 SFPM Max Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 25 to 264VAC powered
Insertion meter with 36-inch probe 15" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 18" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 24" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 30" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 36" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 36" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts Crank Retractor 1.5" NPT, 600 PSI, no valve - 316 SS wetted parts** Crank Retractor 1.5", 150# flange, no valve - 316 SS wetted parts** Crank Retractor 1.5", 300# flange, no valve - 316 SS wetted parts** Probes over 36" and flange mounting options 316 stainless steel sensor and compression fitting Hastelloy C-276 sensor w/ 316SS compression fitting Hastelloy C-276 sensor and probe; Monel compression fitting Hastelloy C-276 sensor and probe; Hastelloy C-276 compression fitting Standard Sensor -40 to 250F (-40 to 121C) High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4 required - AIR ONLY, 8,000 SFPM Max Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 25 to 264VAC powered
15" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 18" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 24" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 30" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 36" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts Crank Retractor 1.5" NPT, 600 PSI, no valve - 316 SS wetted parts** Crank Retractor 1.5", 150# flange, no valve - 316 SS wetted parts** Crank Retractor 1.5", 300# flange, no valve - 316 SS wetted parts** Probes over 36" and flange mounting options 316 stainless steel sensor and compression fitting Hastelloy C-276 sensor w/ 316SS compression fitting Hastelloy C-276 sensor and probe; Monel compression fitting Hastelloy C-276 sensor and probe; Hastelloy C-276 compression fitting Standard Sensor -40 to 250F (-40 to 121C) High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4 required - AIR ONLY, 8,000 SFPM Max Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 25 to 264VAC powered
18" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 24" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 30" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 36" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 36" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts Crank Retractor 1.5" NPT, 600 PSI, no valve - 316 SS wetted parts** Crank Retractor 1.5", 150# flange, no valve - 316 SS wetted parts** Crank Retractor 1.5", 300# flange, no valve - 316 SS wetted parts** Probes over 36" and flange mounting options 316 stainless steel sensor and compression fitting Hastelloy C-276 sensor w/ 316SS compression fitting Hastelloy C-276 sensor and probe; Monel compression fitting Hastelloy C-276 sensor and probe; Honel compression fitting Standard Sensor -40 to 250F (-40 to 121C) High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4 required - AIR ONLY, 8,000 SFPM Max Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 25 to 264VAC powered
24" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 30" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 36" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts Crank Retractor 1.5" NPT, 600 PSI, no valve - 316 SS wetted parts** Crank Retractor 1.5", 150# flange, no valve - 316 SS wetted parts** Crank Retractor 1.5", 300# flange, no valve - 316 SS wetted parts** Probes over 36" and flange mounting options 316 stainless steel sensor and compression fitting Hastelloy C-276 sensor w/ 316SS compression fitting Hastelloy C-276 sensor and probe; Monel compression fitting Hastelloy C-276 sensor and probe; Hastelloy C-276 compression fitting Standard Sensor -40 to 250F (-40 to 121C) High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4 required - AIR ONLY, 8,000 SFPM Max Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 25 to 264VAC powered
30" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts 36" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts Crank Retractor 1.5" NPT, 600 PSI, no valve - 316 SS wetted parts** Crank Retractor 1.5", 150# flange, no valve - 316 SS wetted parts** Crank Retractor 1.5", 150# flange, no valve - 316 SS wetted parts** Probes over 36" and flange mounting options 316 stainless steel sensor and compression fitting Hastelloy C-276 sensor w/ 316SS compression fitting Hastelloy C-276 sensor and probe; Monel compression fitting Hastelloy C-276 sensor and probe; Hastelloy C-276 compression fitting Standard Sensor -40 to 250F (-40 to 121C) High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4 required - AIR ONLY, 8,000 SFPM Max Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 25 to 264VAC powered
36" Probe w/ 125 PSI retractor & full port valve - 3/4" male NPT, 316 SS wetted parts Crank Retractor 1.5" NPT, 600 PSI, no valve - 316 SS wetted parts** Crank Retractor 1.5", 150# flange, no valve - 316 SS wetted parts** Crank Retractor 1.5", 300# flange, no valve - 316 SS wetted parts** Probes over 36" and flange mounting options 316 stainless steel sensor and compression fitting Hastelloy C-276 sensor w/ 316SS compression fitting Hastelloy C-276 sensor and probe; Monel compression fitting Hastelloy C-276 sensor and probe; Hastelloy C-276 compression fitting Standard Sensor -40 to 250F (-40 to 121C) High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4 required - AIR ONLY, 8,000 SFPM Max Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 85 to 264VAC powered
Crank Retractor 1.5" NPT, 600 PSI, no valve - 316 SS wetted parts** Crank Retractor 1.5", 150# flange, no valve - 316 SS wetted parts** Crank Retractor 1.5", 300# flange, no valve - 316 SS wetted parts** Probes over 36" and flange mounting options 316 stainless steel sensor and compression fitting Hastelloy C-276 sensor w/ 316SS compression fitting Hastelloy C-276 sensor and probe; Monel compression fitting Hastelloy C-276 sensor and probe; Hastelloy C-276 compression fitting Standard Sensor -40 to 250F (-40 to 121C) High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4 required - AIR ONLY, 8,000 SFPM Max Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 85 to 264VAC powered
Crank Retractor 1.5", 150# flange, no valve - 316 SS wetted parts** Crank Retractor 1.5", 300# flange, no valve - 316 SS wetted parts** Probes over 36" and flange mounting options 316 stainless steel sensor and compression fitting Hastelloy C-276 sensor w/ 316SS compression fitting Hastelloy C-276 sensor and probe; Monel compression fitting Hastelloy C-276 sensor and probe; Hastelloy C-276 compression fitting Standard Sensor -40 to 250F (-40 to 121C) High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4 required - AIR ONLY, 8,000 SFPM Max Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 25 to 264VAC powered
Crank Retractor 1.5", 300# flange, no valve - 316 SS wetted parts** Probes over 36" and flange mounting options 316 stainless steel sensor and compression fitting Hastelloy C-276 sensor w/ 316SS compression fitting Hastelloy C-276 sensor and probe; Monel compression fitting Hastelloy C-276 sensor and probe; Hastelloy C-276 compression fitting Standard Sensor -40 to 250F (-40 to 121C) High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4 required - AIR ONLY, 8,000 SFPM Max Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 85 to 264VAC powered
Probes over 36" and flange mounting options 316 stainless steel sensor and compression fitting Hastelloy C-276 sensor w/ 316SS compression fitting Hastelloy C-276 sensor and probe; Monel compression fitting Hastelloy C-276 sensor and probe; Hastelloy C-276 compression fitting Standard Sensor -40 to 250F (-40 to 121C) High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4 required - AIR ONLY, 8,000 SFPM Max Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 85 to 264VAC powered
Hastelloy C-276 sensor w/ 316SS compression fitting Hastelloy C-276 sensor and probe; Monel compression fitting Hastelloy C-276 sensor and probe; Hastelloy C-276 compression fitting Standard Sensor -40 to 250F (-40 to 121C) High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4 required - AIR ONLY, 8,000 SFPM Max Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 85 to 264VAC powered
Hastelloy C-276 sensor w/ 316SS compression fitting Hastelloy C-276 sensor and probe; Monel compression fitting Hastelloy C-276 sensor and probe; Hastelloy C-276 compression fitting Standard Sensor -40 to 250F (-40 to 121C) High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4 required - AIR ONLY, 8,000 SFPM Max Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 85 to 264VAC powered
Hastelloy C-276 sensor and probe; Monel compression fitting Hastelloy C-276 sensor and probe; Hastelloy C-276 compression fitting Standard Sensor -40 to 250F (-40 to 121C) High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4 required - AIR ONLY, 8,000 SFPM Max Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 85 to 264VAC powered
Hastelloy C-276 sensor and probe; Hastelloy C-276 compression fitting Standard Sensor -40 to 250F (-40 to 121C) High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4 required - AIR ONLY, 8,000 SFPM Max Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 85 to 264VAC powered
Standard Sensor -40 to 250F (-40 to 121C) High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4 required - AIR ONLY, 8,000 SFPM Max Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 85 to 264VAC powered
High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4 required - AIR ONLY, 8,000 SFPM Max Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 85 to 264VAC powered
Local NEMA 4X enclosure, 24VDC powered Local NEMA 4X enclosure, 85 to 264VAC powered
Local NEMA 4X enclosure, 85 to 264VAC powered
Local NEMA 4X enclosure, 85 to 264VAC powered
Remote J-box, 24VDC powered, 100' max, cable sold separately ***
Remote J-box, 85 to 264VAC powered, 100' max, cable sold separately ***
No communication bus
Modbus RTU (RS 485)
BACnet MS/TP (RS 485)
DeviceNet
Profibus-DP
Ethernet Modbus TCP
Air, N2: MF less than 1200 SCFM (2040 NM3H)
Air, N2: MF above 1200 SCFM (2040 NM3H)
Ar, CO2, H2, CH4, Natural Gas, O2: MF less than 1000 SCFM (1700 NM3H)****
Ar, CO2, H2, CH4, Natural Gas, O2: MF above 1000 SCFM (1700 NM3H)****
CO, He, Ammonia, Propane: MF less than 700 SCFM (1190 NM3H)
CO, He, Ammonia, Propane: MF above 700 SCFM (1190 NM3H)
Biogas, Digester Gas, Flare Gas, Flash Gas, Vent Gas****
All other gases

OPTIONS OPTIONS

<u>OPTIONS</u>					<u>OPTIONS</u>	
	Part #	Description		Part#	Description	
	105397	Extra instruction manual	j '	101570	5-conductor, 18 AWG PVC shielded cable for remote. Specify feet (100' max.)	
	104870	USB Cable, A-male/mini USB-B male, 6 feet	j '	102299	90 degree elbow kit - makes housing upright in vertical pipes (E1 or E2 only)	
	100657	Stainless Steel Tags	'	890000	Flow meter cleaned and bagged for Oxygen service	
	999992	Certificate of Conformance	j '	105758	Remote Mounting Kit (E3 or E4 only)	
	999995	Certificate of Origin	1 '	102878	Teflon Ferrule Kit, 60psi max.	

NOTES: * The Parent Model Number and one of each Feature must be specified.

Example: FT2A-09I-SS-ST-E2-B0-G1

- ** Retractors R1 R3: Minimum pipe size is 2.5". Maximum pipe size is 1/2 the pipe diameter + valve dimension cannot exceed 19.5"
- *** Recommend 105758 Remote Mounting Kit option
- ****G3 and G4 refer to pipeline-quality dry natural gas, whereas naturally occurring gas from oil fields constitutes a mixed gas requiring a G7 calibration

Insertion flow meters can be installed on 1.5" pipes or larger. Quote Inline Flow meters 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 pipe diameter (D) + 3" + insulation + retractor (for codes 15R through 36R, add 10"). Round up to next larger probe available.

Always quote an equal length sensor for 1.5" (40mm) and 2" (50mm) pipes.

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).



FT2A Inline Flow Meter/Temperature Transmitter MODEL CODES

399 Reservation Road Marina, CA 93933 831-384-4300 www.foxthermal.com sales@foxthermal.com

MODEL FT2A INLINE METER

Parent Model No.*	FT2A	Inline Mass Flow Meter & Temperature Transmitter; includes display
Feature 1 : Flow body*		316 Stainless steel flow body
	025P	1/4 inch, male NPT ends (schedule 40) 5.8" Face-to-face
	05P	1/2 inch, male NPT ends (schedule 40) 12" Face-to-face
	075P	3/4 inch, male NPT ends (schedule 40) 12" Face-to-face
	10P	1 inch, male NPT ends (schedule 40) 12" Face-to-face
	125P	1.25 inch, male NPT ends (schedule 40) 12" Face-to-face
	15P	1.5 inch, male NPT ends (schedule 40) 12" Face-to-face
	20P	2 inch, male NPT ends (schedule 40) 12" Face-to-face
	25P	2.5 inch, male NPT ends (schedule 40) 18" Face-to-face
	30P	3 inch, male NPT ends (schedule 40) 18" Face-to-face
	05F	1/2 inch, 150# RF flanges (schedule 40) 12" Face-to-face
	075F	3/4 inch, 150# RF flanges (schedule 40) 12" Face-to-face
	10F	1 inch, 150# RF flanges (schedule 40) 12" Face-to-face
	125F	1.25 inch, 150# RF flanges (schedule 40) 12" Face-to-face
	15F	1.5 inch, 150# RF flanges (schedule 40) 12" Face-to-face
	20F	2 inch, 150# RF flanges (schedule 40) 12" Face-to-face
	25F	2.5 inch, 150# RF flanges (schedule 40) 18" Face-to-face
	30F	3 inch, 150# RF flanges (schedule 40) 18" Face-to-face
	40F	4 inch, 150# RF flanges (schedule 40) 18" Face-to-face **
	60F	6 inch, 150# RF flanges (schedule 40) 24" Face-to-face **
		A106 Grade B carbon steel flow body (+ A105 flanges - if ordered)*****
	20PC	
		2 inch, male NPT ends (schedule 40) 12" Face-to-face
	25PC 30PC	2.5 inch, male NPT ends (schedule 40) 18" Face-to-face
		3 inch, male NPT ends (schedule 40) 18" Face-to-face
	20FC	2 inch, 150# RF flanges (schedule 40) 12" Face-to-face
	25FC	2.5 inch, 150# RF flanges (schedule 40) 18" Face-to-face
	30FC	3 inch, 150# RF flanges (schedule 40) 18" Face-to-face
	40FC	4 inch, 150# RF flanges (schedule 40) 18" Face-to-face **
	60FC	6 inch, 150# RF flanges (schedule 40) 24" Face-to-face **
Feature 2: Sensor Material*	SS	316 stainless steel sensor and flow body
	SH	316SS flow body with Hastelloy C276 sensor
Feature 3: Sensor Type*	ST	Standard Sensor -40 to 250F (-40 to 121C)
	HT	High Temperature Sensor -40 to 650F (-40 to 343C) E3 or E4, required - AIR ONLY 8,000 SFPM Max
Feature 4: Enclosure and Power*	E1	Local NEMA 4X enclosure, 24VDC powered
	E2	Local NEMA 4X enclosure, 85 to 264VAC powered
	E3	Remote J-box, 24VDC powered, 100' max, cable sold separately ***
	E4	Remote J-box, 85 to 264VAC powered, 100' max, cable sold separately ***
Footure E. Bue Outlane*	В0	No communication bus
Feature 5: Bus Options*	MB	Modbus RTU (RS 485)
		` '
	BN	BACnet MS/TP (RS 485)
	BD	DeviceNet Profibus DR
	BP BE	Profibus-DP Sthernet Modbus TCP
		Ethernet Modbus TCP
Feature 6: Calibration*	G1	Air, N2: MF less than 1200 SCFM (2040 NM3H)
·	G2	Air, N2: MF above 1200 SCFM (2040 NM3H)
MF = Maximum Flow Rate	G3	Ar, CO2, H2, CH4, Natural Gas, O2: MF less than 1000 SCFM (1700 NM3H)****
Calibration prices listed here are for	G4	Ar, CO2, H2, CH4, Natural Gas, O2: MF above 1000 SCFM (1700 NM3H)****
new flowmeter orders only.	G5	CO, He, Ammonia, Propane: MF less than 700 SCFM (1190 NM3H)
Contact Fox for recalibration prices.	G6	CO, He, Ammonia, Propane: MF above 700 SCFM (1190 NM3H)
	G7	Biogas, Digester Gas, Flare Gas, Flash Gas, Vent Gas****
		All other gases

OPTIONS

OPTIONS

Part #	Description
105397	Extra instruction manual
104870	USB Cable, A-male/mini USB-B male, 6 feet
100657	Stainless Steel Tags
999992	Certificate of Conformance
999995	Certificate of Origin

Fait#	Description		
101570	5-conductor, 18 AWG PVC shielded cable for remote. Specify feet (100' max.)		
102299 90 degree elbow kit - makes housing upright in vertical pipes (E1 or E2 only)			
890000 Flow meter cleaned and bagged for Oxygen service			
105758	Remote Mounting Kit (E3 or E4 only)		
990056	Canadian Registration Number (CRN) engraved on flow body		

Notes: * The Parent Model Number and one of each Feature must be specified. Example: FT2A-20P-SS-ST-E2-B0-G1

- ** Above 2,500 SCFM (4,250 NM3H) consult factory for calibration charge.
- *** Recommend 105758 Remote Mounting Kit option
- ****G3 and G4 refer to pipeline-quality dry natural gas, whereas naturally occurring gas from oil fields constitutes a mixed gas requiring a G7 calibration
- *****Canadian Registration Number (CRN) is not available on carbon steel flow bodies