



Emerson Impact Partner



FB3400E Monitoring, Measurement and Control made Easy.

The FB3400E is the perfect solution for flow measurement supporting a full suite of applications including ProductionManager EDGE® and Station Controls. It supports up to 36 meter runs, with up to 36 I/O for monitoring or control. Your Best Fit-For-Purpose Flow Measurement and Automation tool today for Midstream or Upstream operations!

Base Model:

- NEMA 4 Powder-Coated Aluminum Enclosure
- FB3400 Base Chassis
- FB3000 Power Block
- FB3000 CPU (Standard or Remote I/O)
- 2 Ethernet, 4 Serial, 1 USB Comms
- Supports 4 meters Oil or Gas

Upgrade Options:

- Configurable Touchscreen Display
- DC Distribution
- Serial Communication Surge Protection
- Module Card-Specific Terminal Blocks
- Radio or Ethernet Communication Options
- Additional Meter Runs



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Model Specification: FB3400E-AX-BXXX-CX-DX-EXXXX-FX-GXX-HX-IX-JX		
Model & Seg	Description	Selection
Flow Computer		
BASE	FB3400E Flow Computer	FB3400E
CPU Options: See Note 1*		
A	Reserved for Future CPU Option	A1
	CPU with 16MB SRAM	A2
	Remote I/O CPU with 16MB SRAM	A3
Module Options: See Note 2*		
B	None	0
	Mixed IO Card - 12 Channel (8AIDIP1 +2AO+2DO)	1
	AO/DO Card - 8 Channel	2
	HART I/O - 4 Channel (4AI/IO)	3
	Serial Comm Card (4 Ports RS485/MVS Selectable)	4
Display Options		
C	None	C0
	4.3" IDEC	C1
	7" Beijer	C2
	7" Red Lion Graphite	C3
DC Distribution Option		
D	None	D0
	Include DC Distribution with 10 Points of DC Supply	D1
Serial Surge Protection Options: See Note 3*		
E	None	0
	Standard Serial Terminal 1	1
	Standard Serial Terminal 2	1
	MVS Serial Terminal 1	1
	MVS Serial Terminal 2	1
Module Termination Option		
F	None	F0
	Include Standard Terminal Block Build for each Selected Card Option	F1
Comms Options: See Note 4*		
G	None	0
	Ethernet Switch	1
	Radio Bracket	1
Discrete Output Relay Option: See Note 5*		
H	Number of Relays Required on AO/DO Cards	HX
Mounting Options		
I	None	I0
	2" Pipe Mounting Kit	I1
Display Cover		
J	None	J0
	Display Cover	J1
<p>Note 1: Option A3 (Remote I/O CPU) requires option C0 (No Display). Remote I/O CPU does not support applications.</p> <p>Note 2: Configuration is BXXX, each number indicates the card that is required in slots 2-4</p> <p>Note 3: Configuration is EXXXX, select 0 for "no" or 1 for "yes" for surge protection on each serial channel. A unit with no serial surge protection would be E0000. (Wired for use as RS485 or MVS)</p> <p>Note 4: Configuration is GXX, select 0 for "no" or 1 for "yes" for each item required. A unit with ethernet switch and radio bracket would be G11.</p> <p>Note 5: Configuration is HX, replace X with actual amount of relays required. No relays would be H0. 2 relays would be H2. 10 relays would be H10. Requested relays will installed beginning with first AO/DO channel.</p>		