OCF 5.0 Open Channel Flow Monitor   **Model**   OCF 5.0 - _ _-_ _-_ _-_ _-_ _-_ _-_ _-_ _-_ _-_ _

Approximate shipping weight: 10lbs / 4.5 kg

STANDARD FEATURES:

- sensor – PZ15, PVC, 15' / 4.57 m Max. range
- sensor cable – 25 ft / 7.6 m coaxial
- enclosure - watertight, NEMA4X (IP66) polyester and polycarbonate
- display - White, backlit matrix
- totalizer - 12 digit
- calibration - built-in 5-key programmer
- sensitivity - keypad adjustable
- output - isolated 4-20mA (1000 ohm)
- 2 control relays - 5 amp, SPDT - programmable for flow
  proportional pulse output, and/or flow alarm
- power input - 100-240VAC 50/60Hz, 3 Watts maximum
- electrical surge protection and RFI filters - AC, sensor, 4-20mA
- 1 Manual - Installation and Operation

POWER INPUT Standard 100-240VAC 50/60Hz		A
9-32VDC		B

ENCLOSURE Standard NEMA4X (IP66) polycarbonate		1
CXJ8106 - Explosion proof NEMA7		2

ENCLOSURE TEMPERATURE Standard (-5° to 140°F / -20° to 60°C)		A
Heater and Thermostat (115VAC, 15 Watts)		B
Heater and Thermostat (230VAC, 15 Watts)		C

ELECTRONICS PROTECTION Standard - no circuit board coating		1
Conformal Coating ("tropicalized") for humid atmospheres *partial		2

SENSOR (25 ft / 7.6 m cable with built-in temperature compensation)

Standard PZ15 PVC (8" / 203.2 mm deadband, 15' / 4.57 m Max. range)		D
PZ32T, PVC and Teflon (32 ft / 10 m range on liquids)		A
PZ32TE All Teflon (32 ft / 10m range, rated to temperature 170°F/76°C)		E
PZ34 PVC (16" / 406.4 mm deadband, 32 ft / 10 m range on liquids)		B
PZ15-LP Low-Profile, PVC (8" / 203.2 mm deadband, 15' / 4.57 m Max. range)		GL

INTRINSIC SAFETY BARRIER (built into electronics enclosure)

None – Standard, General Purpose locations, not rated Intrinsically Safe		1
ISB Intrinsic Safety Barrier for Sensor and Cable installation in Class I,II,III, Div. I,II, Groups C,D,E,F,G Hazardous rated locations		2

SENSOR CABLE LENGTH

Standard 25 ft. / 7.6m RG62AU coaxial		A
50 ft / 15 m continuous RG62AU coaxial		B
100 ft / 30 m continuous RG62AU coaxial		C

DATA LOGGER

Greyline Logger – 2 million point Data Logger (with USB output, PC software)		2

CONTROL RELAYS

2 – Standard		A
4 Extra Relays (6 total) rated 5 amp SPDT, fully programmable		B

OPTIONS AND ACCESSORIES

QTY	CODE	DESCRIPTION	
	XC	Extra sensor cable up to 500ft / 152m	
	JB2X	Sensor cable Junction Box, NEMA4X (IP66) polycarbonate	
	SMS	Sensor Mounting Stand (for Open Channel applications)	
	PM	Enclosure Panel Mount Flange assembly .	
	SCR	Enclosure Sunscreen (iridite aluminum)	
	PZS	Sensor Sunscreen (iridite aluminum)	
	SBMS	Sensor Submergence Shield (PVC)	
	CHS	Spare set Electronics with Mounting Chassis (standard features)	
	MNL	Additional Manuals (One supplied with each unit)	
	SP1	Lightning/Surge Protection in NEMA13,12 Steel Enclosure	

SPARE/REPLACEMENT SENSORS (25 ft / 7.6m cable and temperature compensation)
*Provide Instrument Serial number when ordering replacements

	PZ15	(Standard) PVC (8" / 203.2 mm deadband, 15' / 4.57 m Max. range)	
	PZ32T	PVC and teflon (32 ft/10m range on liquids)	
	PZ32TE	All Teflon (32 ft / 10 m range on liquids, rated to temperature 170°F/76°C)	
	PZ34	PVC (32 ft / 10 m range on liquids)	
	PZ15-LP	Low-Profile, PVC (8" / 203.2 mm deadband, 15' / 4.57 m Max. range)	