

**OCF 4.0 Open Channel Flow Monitor**

Approximate shipping weight: 10 lbs / 4.5 kg

Model	OCF 4.0 - - - - -
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**STANDARD FEATURES:**

- sensor - Model PZ15, PVC
- sensor cable – 25 ft / 7.6m RG62AU coaxial
- enclosure - watertight, NEMA4X (IP66) polycarbonate
- calibration - to any flume or weir with built-in 3-button programmer, password protected
- displays - Flow/Level values - large 4-digit LCD  
Totalizer/Menu/Status - 16-digit alphanumeric
- temperature compensation - automatic
- outputs – isolated 4-20mA (1000 ohm), 0-5V, USB, RS232
- data logger fully programmable 50,000 point capacity
- 'Greyline Logger' PC software for Windows™
- USB and RS232 cable and plugs
- 3 relays - programmable flow alarm, flow proportional, failsafe/echo-loss
- surge protection - AC, sensor, 4-20mA
- power input - 100-130VAC 50/60Hz, 6.2 Watts maximum
- 1 Manual - Installation and Operation

**POWER INPUT**

Standard - 100-130VAC 50/60Hz		A
200-250VAC 50/60Hz		B
9-36VDC (4.2 Watts maximum)		C

**ENCLOSURE**

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

**ENCLOSURE TEMPERATURE**

Standard – rated for operation from -5° to 140°F / -20° to 60°C		A
Heater and Thermostat (AC only, 15 watts)		B

**ELECTRONICS PROTECTION**

Standard - no circuit board coating		1
Conformal Coating (Tropicalized) for moist atmospheres		2

**ULTRASONIC SENSOR (25 ft / 7.6m cable and built-in temp. compensation)**

Standard - PZ15, PVC (8" / 203.2 mm deadband, 15' / 4.57 m Max. range)		M
PZ12-LP Low-Profile, PVC (8" / 203.2 mm deadband, 12' / 3.66 m Max. range)		N
PZ32T, PVC and Teflon (12" / 304.8 mm deadband, 32' / 10 m max. range)		A
PZ32TE All Teflon (12" / 304.8 mm deadband, 32' / 10 m max. range)		E

**INTRINSIC SAFETY Barrier (built into electronics enclosure)**

Standard - General Purpose locations (not Intrinsically Safe)		1
ISB Intrinsic Safety Barrier rated Class I, Div. I,II, Groups C,D,E,F,G hazardous locations		2

**SENSOR CABLE LENGTH**

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

**GENERAL OPTIONS AND ACCESSORIES**

QTY	CODE	DESCRIPTION
	XC	Extra Sensor Cable (RG62AU coaxial) up to 500ft / 152m
	JB	Sensor cable Junction Box, NEMA4 steel
	SMS	Sensor Mounting Stand (large size may increase price)
	BR2032	Spare/Replacement clock battery
	SNUB	Snubber - Noise Suppressor for Relays
	PM	Panel Mount Flange Assembly
	SCR	Enclosure Sunscreen (recommended for outdoor installations)
	PZS	Sensor Sunscreen (recommended for outdoor installations)
	MNL	Additional Manuals (one supplied with each instrument)
	SP1	Lightning/Surge Protection in NEMA4 steel enclosure
	CS	Factory Calibration Certificate
	GL2/FindK&n	Additional/replacement 'Greyline Logger' and 'Find K&n' software CD
	RS2DB9F	Spare/Replacement RS232 Cable (20 ft / 6 m length)
	USBC	Spare/Replacement USB Cable (6 ft / 2 m length)
	CHS	Spare/Replacement set Electronics with Mounting Chassis (+ options)
	NM-DB9M/25M	Null Modem Adaptor – to connect Greyline RS232 cable to a Modem
	DMS-30	Loop powered 3-1/2 digit LCD display

**SPARE/REPLACEMENT SENSORS - provide instrument serial number when ordering**

QTY	CODE	DESCRIPTION
	PZ15	Spare/Replacement PVC Sensor, rated 15 ft / 4.57 m Max. range
	PZ12-LP	Spare/Replacement Low-Profile PVC Sensor, rated 12 ft / 3.66 m Max. range
	PZ32T	Spare/Replacement PVC and Teflon Sensor, rated 32 ft / 10 m Max. range
	PZ32TE	Spare/Replacement All-Teflon Sensor, rated 32 ft / 10 m Max. range