2 Specifcations

TRANSMIT FREQUENCY:	200 kHz
TRANSMIT PULSE WIDTH:	250 microseconds
BEAM PATTERN:	14° conical
PULSE REPETITION RATE:	Selectable: Internal or External Internal - 5 pulses per second External - customer controlled rate, up to 5 pulses per second
RANGE:	100 meters full scale; 1.0 meter guaranteed minimum; 0.8 meter typical
ANALOG OUTPUT:	0 to 5 VDC
DIGITAL OUTPUT:	RS-232, baud rate 9600, 4800, 2400 or 1200, (user selectable)
RESOLUTION:	RS-232: 1 cm Analog: 2.5 cm
POWER REQUIREMENT:	6 to 24 VDC
CURRENT:	50 mA @ 15 VDC 100 mA @ 6 VDC
OPERATING DEPTH:	10,000 meters
CONNECTOR:	Part Number: Subconn BH6M-Titanium 5/8-18, or equivalent
MATING PIGTAIL:	Part Number: Subconn IL6F, or equivalent
DIMENSIONS:	2 1/4 in. OD x 10.25 in. long
WEIGHT:	In Air: 2.0 lb In Water: 1.14 lb

Configuration	Standard	FSI Mode	Custom
Description of Configuration			
Key (SW 1 & 2)	Internal	Internal	
Serial Output (SW 1 & 2)	Every Cycle	N/A	
Gain (SW 3)	High	High	
Under Range Detection (SW 4)	Disabled	Disabled	
Baud (SW 5 & 6)	9600	9600	
FSI Mode (SW 7)	Disabled	Enabled	
RS-232 Mode (SW 8)	Enabled	Enabled	
Dip Switches			
SW 1	OFF	OFF	
SW 2	ON	OFF	
SW 3	ON	ON	
SW 4	ON	ON	
SW 5	OFF	OFF	
SW 6	OFF	OFF	
SW 7	OFF	ON	
SW 8	OFF	OFF	
Jumpers			
JP1	Installed	Installed	
JP2	Installed	Installed	Installed
JP3	1-2 (RS-232 Out)	1-2 (RS-232 Out)	
JP4	1-2 (External Key In)	2-3 (RS-232 In)	

Configuration:
Standard   _____
FSI Mode   _____
Custom   _____

NOTE: The configuration is set by the dip switches. This page describes how the unit was configured when shipped to you. Any changes to the dip switches will change the configuration. Refer to Section 3.