

REVISIONS						
ECN	REV.	DESCRIPTION	DATE	DRAW	CHECK	APPROVED
982	A	Initial Release	2012/06/27	XY	XY	XY

SPECIFICATION

INPUT POWER:
 +24VDC nominal, range: 18 to 30VDC 0.2A DC Total Max.
 ~24VAC nominal, range: 15 to 24VAC 50/60HZ 0.2A AC Total Max.
 max. 150mA at 24V

FUSE:
 F1: 750mA Polyswitch
 Poyswitch resets after the fault is cleared and power is removed.

FLOW RATE: 0-1 LPM

FLOWMETER ACCURACY: 5% of Full Scale

MAX. PRESSURE/VACUUM: 4.0 PSI / -4.0 PSI (0.275bar)

PROTECTION: Clogging detection and Water detection

PANEL INDICATORS: RS-485 RX/TX LED, Fault LED, Pump LED

RELAY: Fail-Safe Relay, SPST 1.0A at 30VDC, 0.3A at 125VAC

BUZZER: 80dB at 10cm, 2700HZ

OUTPUT SIGNAL: RS-485 with OptoMux protocol

INLET AND OUTLET FITTING: Suitable for 1/4 " OD Tube

ENCLOSURE: IP 66 & NEMA 4, 4X, 12 & 13
 UL listed 508 listed (File # E65324)N-m

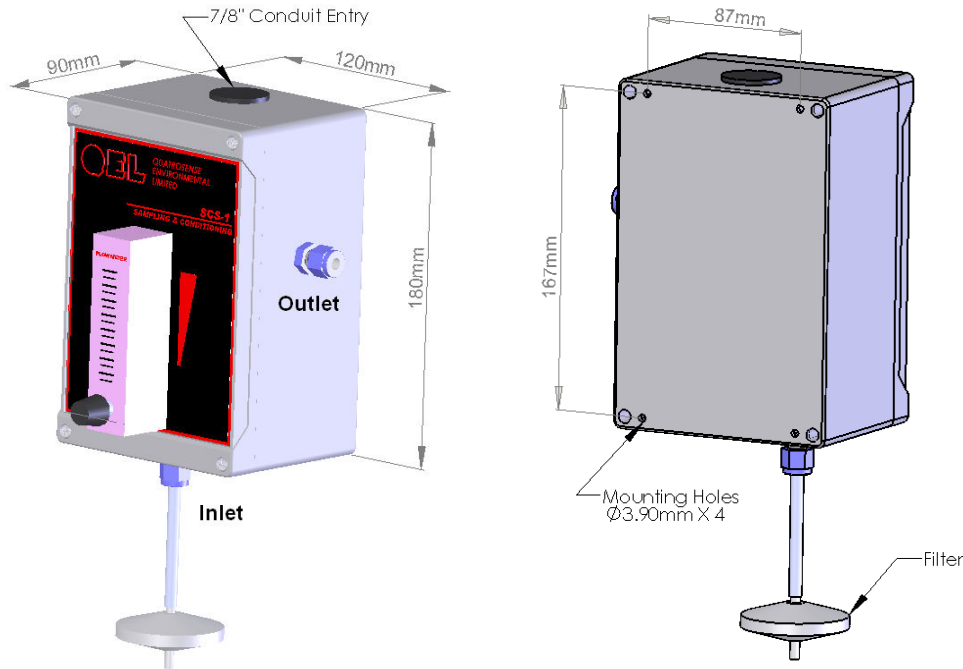
OPERATING TEMPERATURE: 10°C TO 50°C

AMBIENT HUMIDITY:
 95% RH for temperatures up to 31°C (NON- CONDENSING)
 Decreasing linearly to 80% at 40°C

STORAGE TEMPERATURE: 0°C TO 70°C

SIZE: 180mm(7.9") X 120mm(4.7") X 90mm(3.5")

WEIGHT: LESS THAN 1.5lbs (0.680kg)



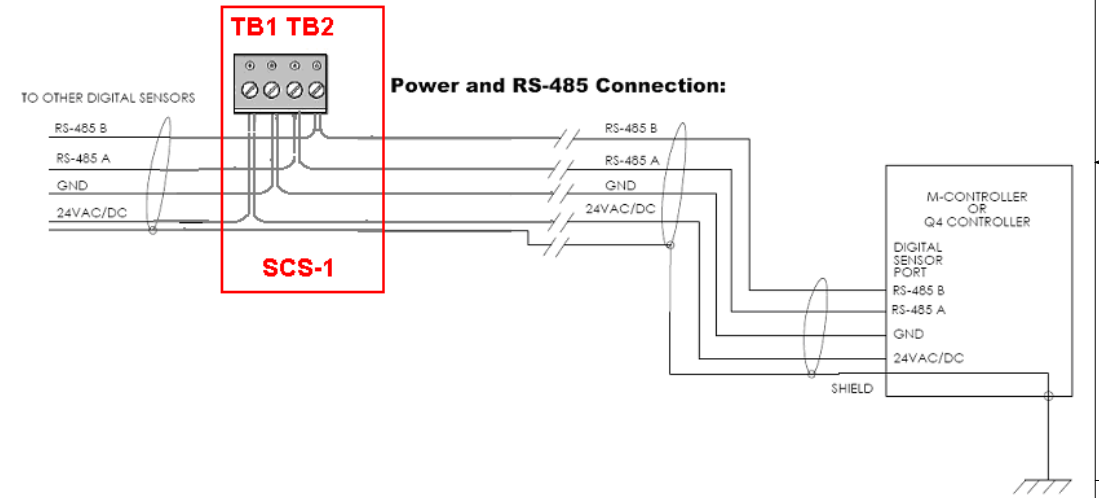
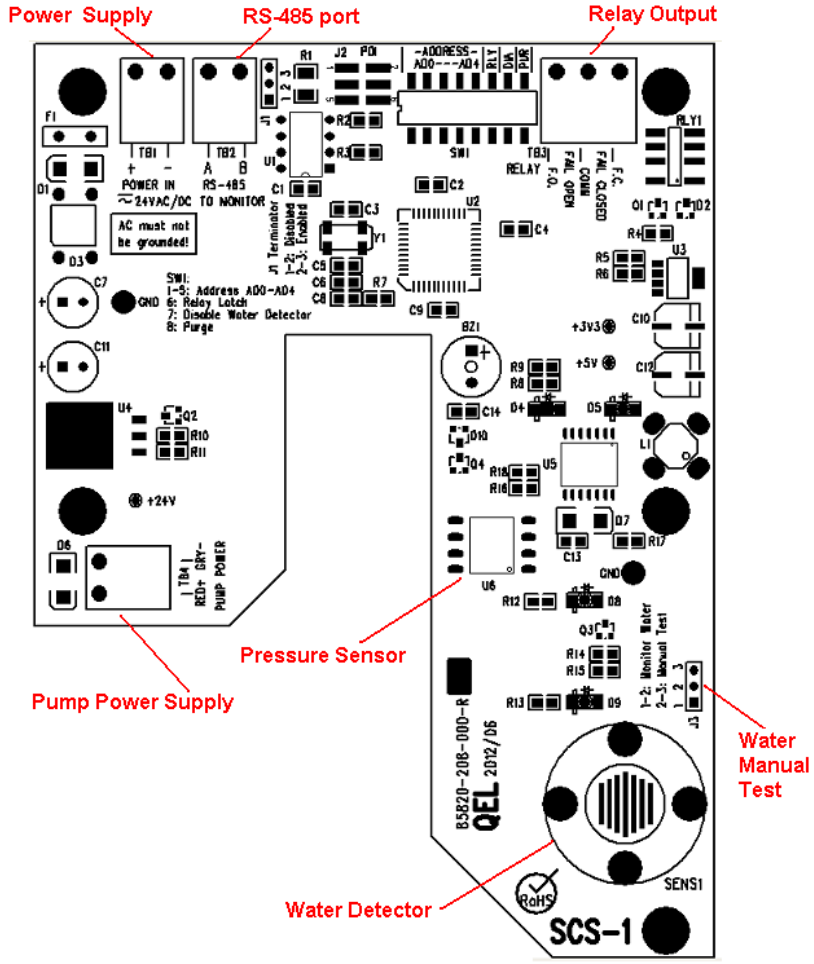
NOTE:
 A FEET KIT IS INCLUDED TO ALLOW THE ENCLOSURE TO MOUNT EASILY.

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		UNLESS OTHERWISE SPECIFIED:				Quatrosense Environmental Ltd	
		DIMENSIONS ARE IN INCHES		NAME	DATE	TITLE: SCS-1 INSTALLATION DRAWING	
		TOLERANCES:		XY	2008/11/18		
		FRACTIONAL: ± 1/32		XY	2008/11/18		
		ANGULAR:		XY	2008/11/18		
		MACH ± .5 degrees BEND ± TWO PLACE DECIMAL ± .02 THREE PLACE DECIMAL ± .010					
		INTERPRET GEOMETRIC TOLERANCING PER:		COMMENTS:		SIZE DWG. NO. REV	
		MATERIAL				B 85850-202-000 A	
		FINISH				SCALE: 1:2 WEIGHT: SHEET 1 OF 2	
NEXT ASSY	USED ON	APPLICATION		DO NOT SCALE DRAWING			

SCS-1+ Power Supply Board Connection

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	See Sheet1	-	-



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		UNLESS OTHERWISE SPECIFIED:		NAME		DATE		Quatrosense Environmental Ltd	
		DIMENSIONS ARE IN INCHES		DRAWN		XY		2008/11/18	
		TOLERANCES:		CHECKED		XY		2008/11/18	
		FRACTIONAL: ±		ENG APPR.		XY		2008/11/18	
		ANGULAR: MACH ± BEND ±		MFG APPR.					
		TWO PLACE DECIMAL ±		Q.A.					
		THREE PLACE DECIMAL ±		COMMENTS:					
		INTERPRET GEOMETRIC TOLERANCING PER:							
		MATERIAL							
		FINISH							
NEXT ASSY		USED ON							
APPLICATION		DO NOT SCALE DRAWING							
				SIZE		DWG. NO.		REV	
				B		85850-202-000		A	
				SCALE: 1:2				SHEET 2 OF 2	