

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

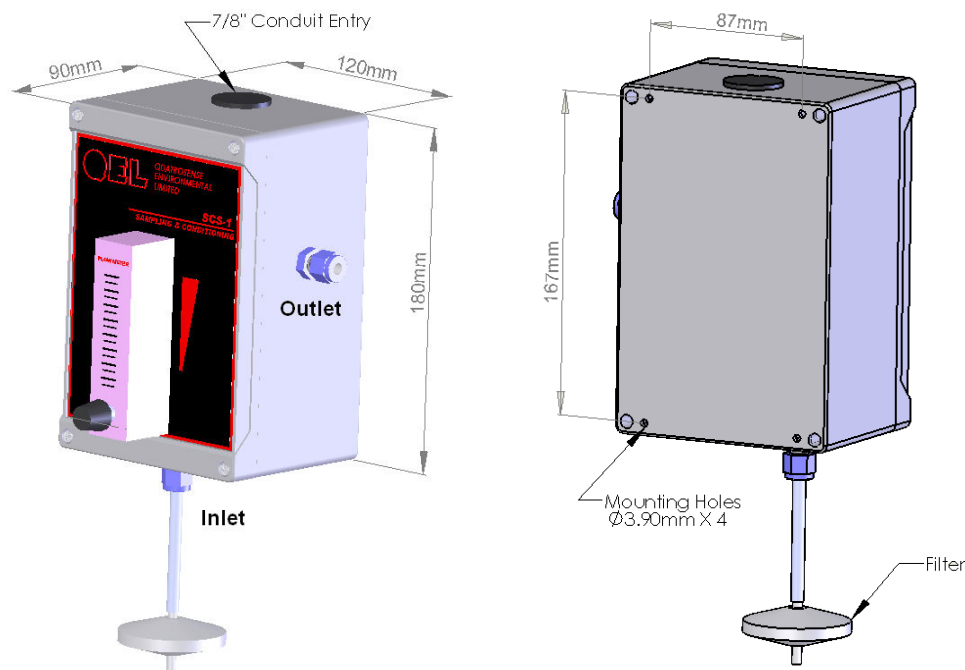
AMBIENT HUMIDITY:

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)



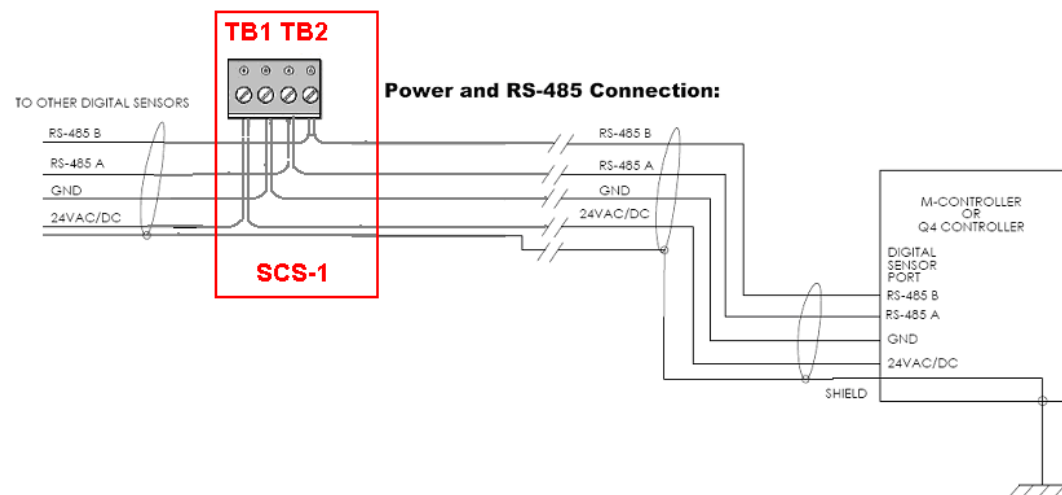
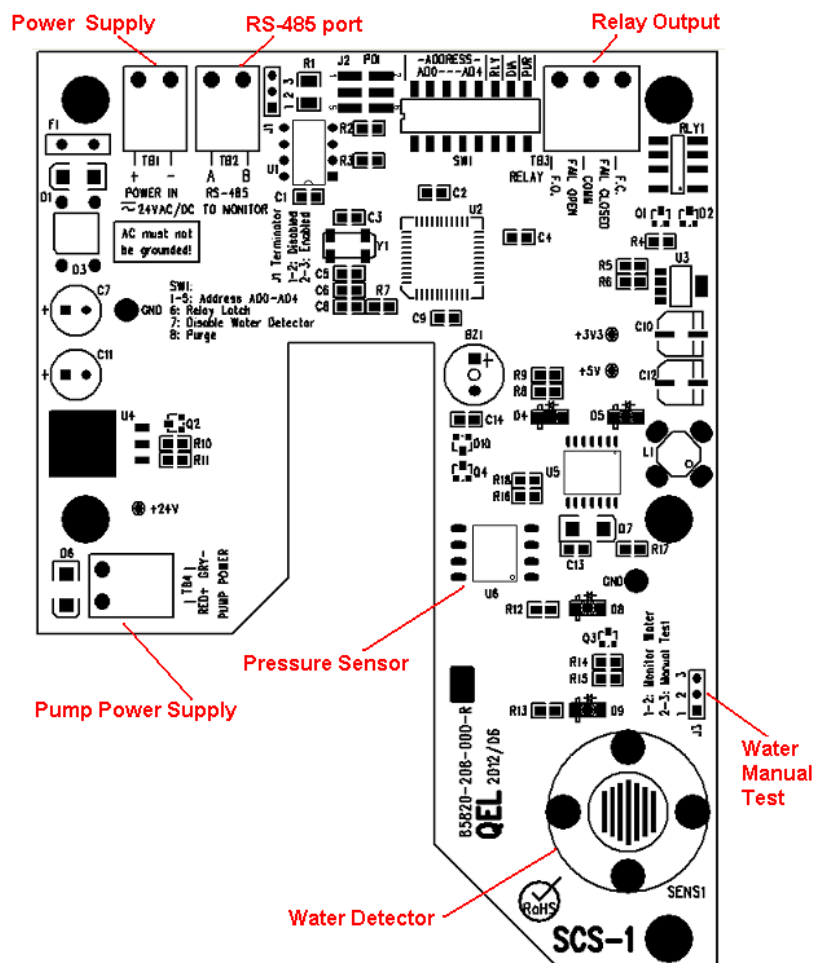
NOTE:
A FEET KIT IS INCLUDED TO ALLOW THE ENCLOSURE TO MOUNT EASILY.

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

SCS-1+ Power Supply Board Connection

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	See Sheet 1	-	-



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