

REVISIONS						
ECN	REV.	DESCRIPTION	DATE	DRAW	CHECK	APPROVED
964	A	Initial Release	2011/07/06	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.

FUSE:
 F2 on Power Supply Board: 1A Very Fast-Acting Fuse
 Littelfuse: Axial Lead and Cartridge Fuse
 Part Number: 02510001

POWER SWITCH:
 Slide Switch on Power Supply Board (SW1)

FLOW RATE: 0-1 LPM
FLOWMETER ACCURACY: 5% of Full Scale

MAX. PRESSURE: 4.0 PSI
MAX. VACUUM: -4.0 PSI

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)

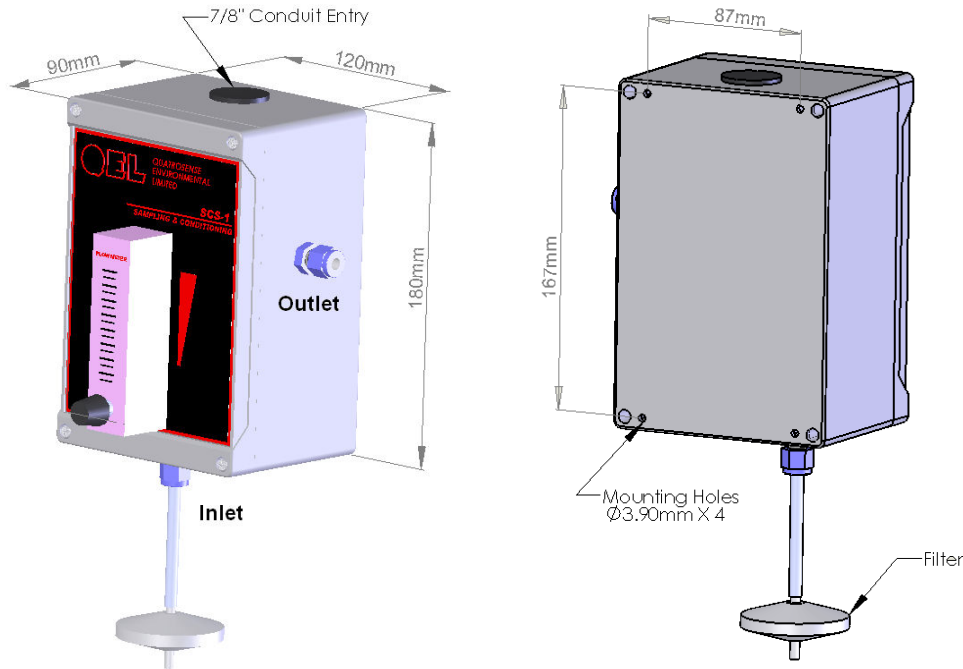
OPERATING TEMPERATURE: 10 °C TO 50 °C

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 X 120mm X 90mm

WEIGHT: LESS THAN 1.5lbs (0.680kg)



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

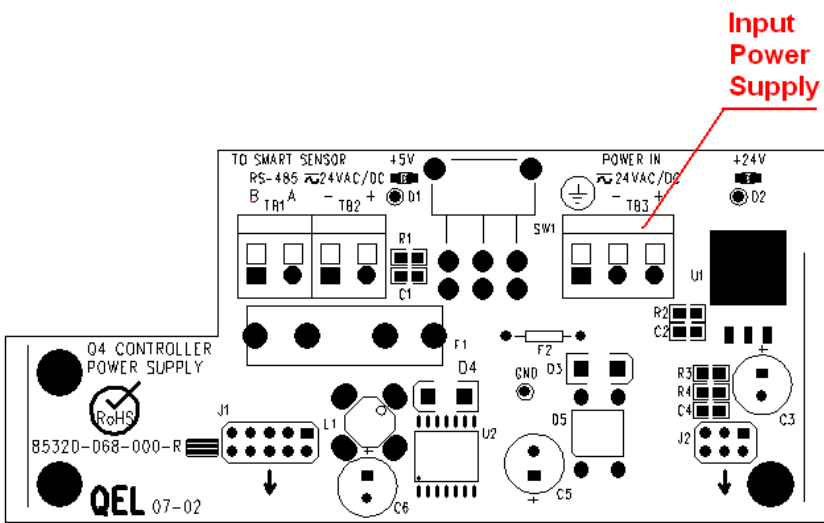
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		UNLESS OTHERWISE SPECIFIED:		NAME		DATE		Quatrosense Environmental Ltd	
		DIMENSIONS ARE IN INCHES		DRAWN		XY		2008/11/18	
		TOLERANCES:		CHECKED		XY		2008/11/18	
		FRACTIONAL: ± 1/32		ENG APPR.		XY		2008/11/18	
		ANGULAR: MACH ± .5 degrees BEND ± TWO PLACE DECIMAL ± .02 THREE PLACE DECIMAL ± .010		MFG APPR.					
		INTERPRET GEOMETRIC TOLERANCING PER:		Q.A.					
		MATERIAL:		COMMENTS:					
		FINISH:							
NEXT ASSY		USED ON						TITLE:	
APPLICATION		DO NOT SCALE DRAWING						SCS-1+	
								INSTALLATION DRAWING	
				SIZE		DWG. NO.		REV	
				B		85850-102-000		A	
				SCALE: 1:2		WEIGHT:		SHEET 1 OF 2	

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

SCS-1+ Power Supply Board Connection



NOTE:

1. The SCS-1+ operates on 24VAC 50/60HZ or 24VDC. There are no selections required by the user to select the input power. The input power is connected to the Power Supply Board using the Terminal Block TB3 located inside the unit.
2. The power supply for smart sensor is outputted from the TB2 on the Power Supply Board. It's useless for SCS-1+ application. Keep TB2 floating.
3. The SCS-1+ must be grounded by connecting a true earth-ground to the ground terminal.
4. SCS-1+ does not support RS-485 Communication.

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		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:						TITLE: SCS-1+ INSTALLATION DRAWING	
		MATERIAL						SIZE DWG. NO. REV B 85850-102-000 A	
NEXT ASSY		USED ON						SCALE: 1:2 SHEET 2 OF 2	
APPLICATION		DO NOT SCALE DRAWING							

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