

REVISIONS						
ECN	REV.	DESCRIPTION	DATE	DRAW	CHECK	APPROVED
---	A	Initial Release	2017/12/12	XY	XY	XY
1140	B	Add protocol to Q6	2019/02/25	XY	XY	XY

## SPECIFICATION

### INPUT POWER:

+24VDC nominal, range: 18 to 30VDC 0.3A DC Total Max.  
~24VAC nominal, range: 18 to 24VAC 50/60HZ 0.3A AC Total Max.

### FUSE:

F2 on Main Board: Polyswitch 750mA  
Polyswitch device resets after the fault is cleared and power to the circuit is removed

### SENSOR:

Combustible gases: Catalytic or NDIR  
Toxic gases and Oxygen: Electrochemical  
Carbon Dioxide: Non-Dispersive Infra-Red (NDIR) Electrochemical

### OUTPUT SIGNAL:

BACnet MS/TP master / slave protocol  
3X SPDT RELAYS: 1.0A MAX. @30VDC (RESISTIVE LOAD)  
0.3A MAX. @125VAC (RESISTIVE LOAD)

### ENCLOSURE:

IP 66 & NEMA 4, 4X, 12 & 13

### OPERATING TEMPERATURE:

-40°C to 50°C, depends on sensor specification

### AMBIENT HUMIDITY:

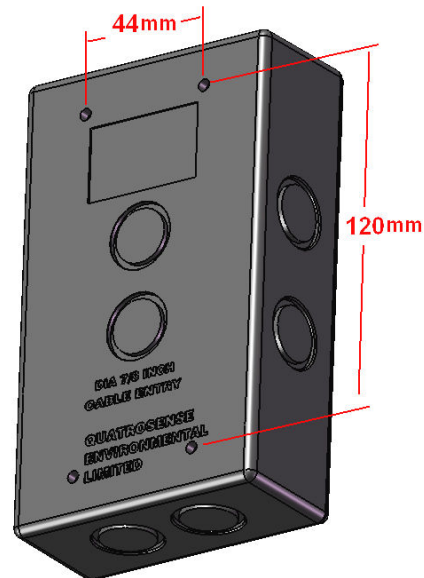
5% TO 95% RH (NON- CONDENSING)

### STORAGE TEMPERATURE:

0°C to 25°C, depends on sensor specification

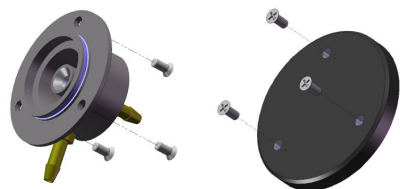
SIZE: 150mm X 90mm X 65mm

WEIGHT: LESS THAN 0.5lbs



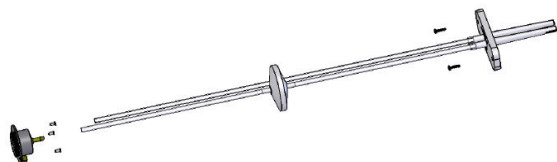
## Option Accessories

\*Option Accessories are not included in Q5C or B5C Standard Package.



Pump-thru & Cal Cap  
Kit  
SKU#: 85930-006-000

Splash Guard Kit  
SKU#: 85930-007-000

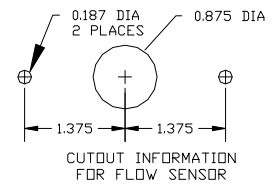
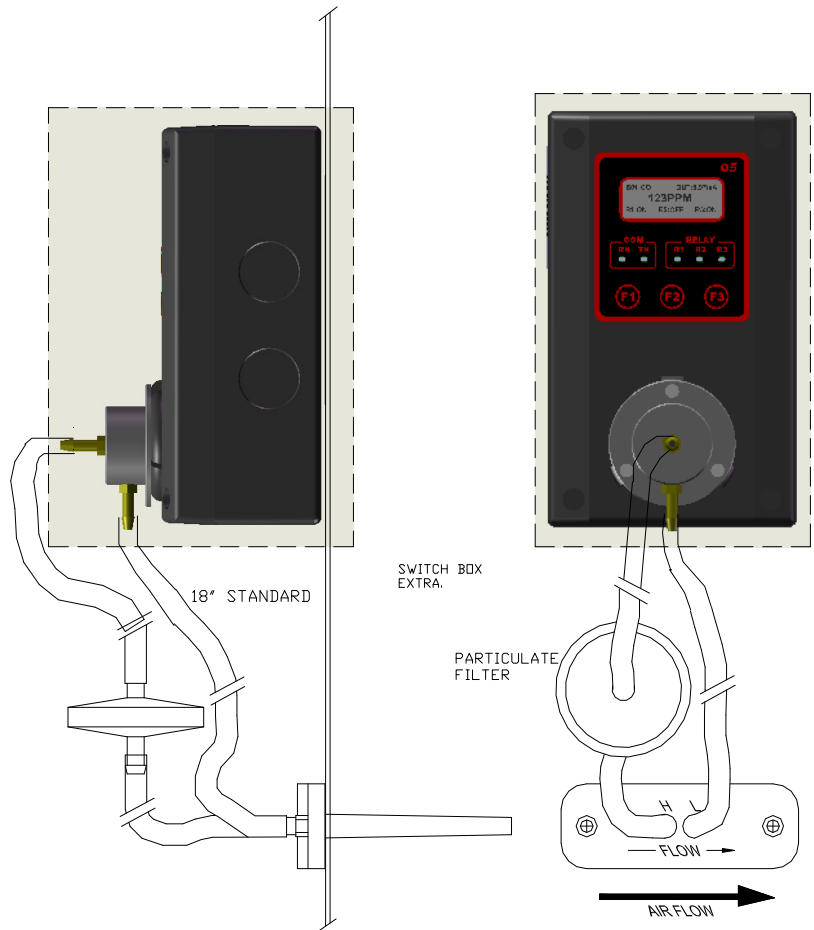


Duct Mount Adapter  
Kit: 85930-040-000

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Quatrosense Environmental Ltd		
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/32$ ANGULAR: MACH $\pm .5$ degrees BEND $\pm$ TWO PLACE DECIMAL $\pm .02$ THREE PLACE DECIMAL $\pm .010$	DRAWN	XY	2017/12/12	TITLE:  B6  INSTALLATION DRAWING		
			CHECKED	XY	2017/12/12			
			ENG APPR.	XY	2017/12/12			
			MFG APPR.					
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE B DWG. NO. 86650-102-000 REV B		
		MATERIAL	COMMENTS:					
		FINISH						
	NEXT ASSY	USED ON						
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:8 WEIGHT: SHEET 1 OF 3		





NOTE: GAS SAMPLING OCCURS WHEN AIR FLOW ACROSS THE TWO TUBES CAUSES DIFFERENTIAL PRESSURE. THIS METHOD WILL NOT WORK IN STATIC AIR SAMPLING.

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Quatrosense Environmental Ltd		
		DIMENSIONS ARE IN INCHES	DRAWN	XY	2017/12/12			
		TOLERANCES:	CHECKED	XY	2017/12/12			
		FRACTIONAL: ±	ENG APPR.	XY	2017/12/12			
		ANGULAR: MACH ±    BEND ±	MFG APPR.					
		TWO PLACE DECIMAL    ±	Q.A.	XY	2017/12/12	B6  INSTALLATION DRAWING		
		THREE PLACE DECIMAL    ±	COMMENTS:					
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL				SIZE	DWG. NO.	REV
		FINISH				B	86650-102-000	B
	NEXT ASSY	USED ON				SCALE: 1:2	WEIGHT:	SHEET 3 OF 3
	APPLICATION		DO NOT SCALE DRAWING					