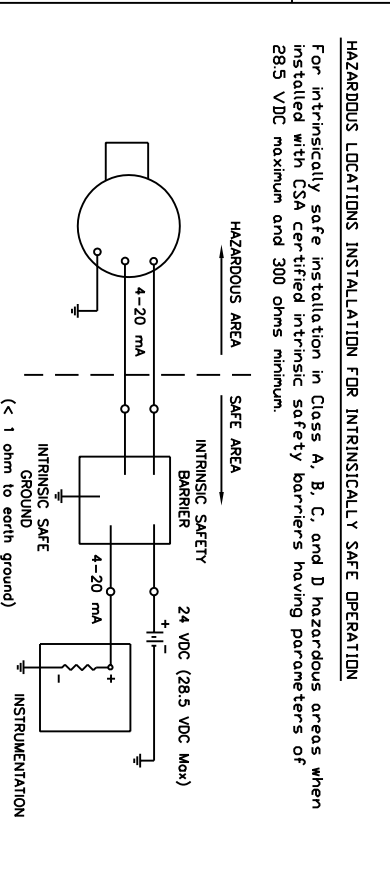
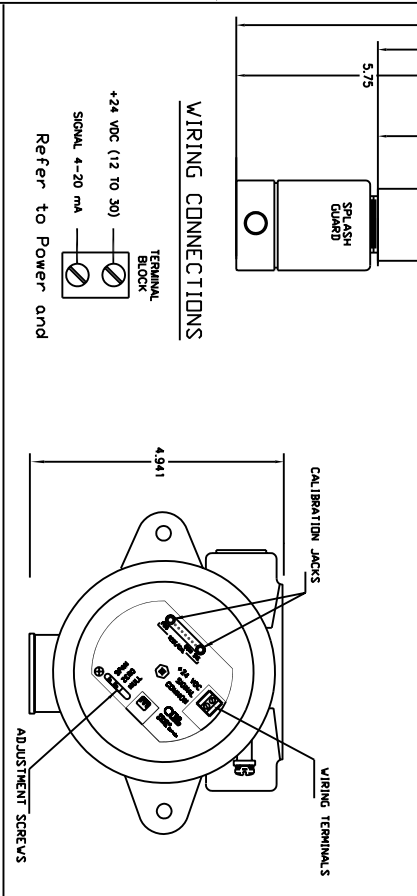
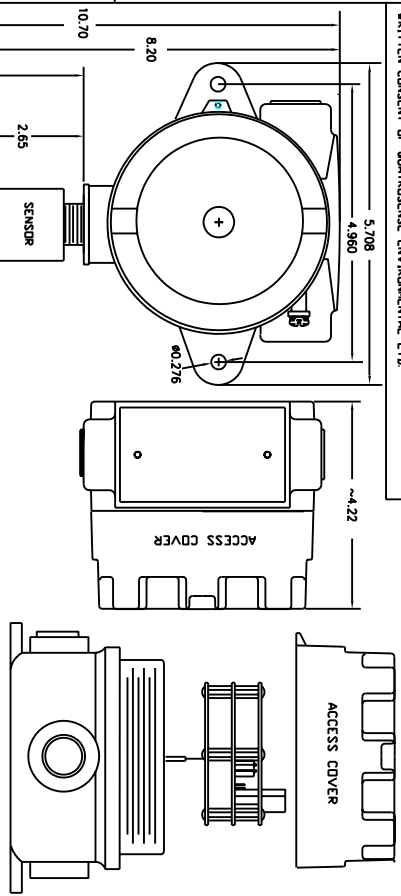


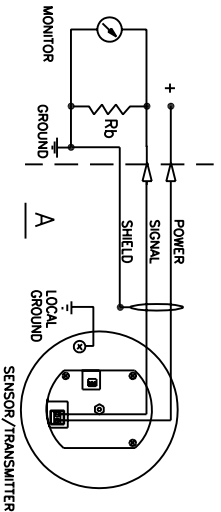
THIS DRAWING CONTAINS INFORMATION WHICH IS THE PROPRIETARY PROPERTY OF QUATROSENSE ENVIRONMENTAL LTD. THIS DRAWING IS RECEIVED IN PRIOR WRITTEN CONSENT OF QUATROSENSE ENVIRONMENTAL LTD.



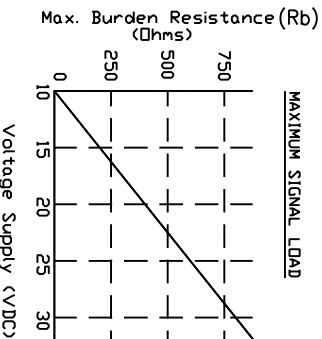
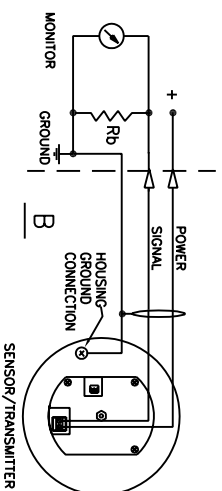
HAZARDOUS LOCATIONS INSTALLATION FOR INTRINSICALLY SAFE OPERATION
 For intrinsically safe installation in Class A, B, C, and D hazardous areas when installed with CSA certified intrinsic safety barriers having parameters of 285 VDC maximum and 300 ohms minimum.

POWER AND GROUND CONNECTIONS

A: Transmitter housing connected to ground locally. Shield connected to monitor ground. This arrangement is suitable for low to moderate EMI environment.



B: Transmitter housing connected to cable shield which is connected to the monitor ground. This housing is not connected to any other ground point. This arrangement is preferred for moderate to high EMI environment.



SPECIFICATIONS:

POWER SUPPLY
 24 VDC (12 to 36 VDC)
SIGNAL OUTPUT
 4-20 mA Linear
SENSOR
 Electrochemical

ENCLOSURE
 FM: CL.I, GR. A,B,C; CL.II, GR. E,F,G; CL.III;
 CSA: Class I, Groups A, conduit seal is required within 18 inches
 3/4" FNPT Conduit entry hole as shown.

WIRE
 Connection: Terminal block,
 Size: Min. 24 AWG (0.51 mm)
 Size: Max. 14 AWG (0.16 mm)
CALIBRATION RECOMMENDATION
 Every 90 days max.

PAINTING
 When painting in the area, seal sensor opening with masking tape.

ENVIRONMENT

MODEL #	GAS	MOUNTING	OPERATING TEMPERATURE
			MIN. C. (°F) MAX. C. (°F)
QTS-61110	H2S	LOW	-40 (-40) 50 (122)
QTS-61115	HCH	MID	-20 (-4)
QTS-61120	CL2	LOW	-20 (-4) 50 (122)
QTS-61123	CL02	LOW	-20 (-4) 50 (122)
QTS-61125	HCL	MID	-20 (-4) 50 (122)
QTS-61140	SO2	LOW	-20 (-4) 50 (122)
QTS-61150	NO2	LOW	-20 (-4) 50 (122)
QTS-61160	CO	MID	-20 (-4) 50 (122)
QTS-61190	NO	MID	-20 (-4) 50 (122)
QTS-61211	H2	HIGH	-20 (-4) 50 (122)
QTS-61220	NH3	HIGH	-25 (-13) 50 (86)
QTS-61230	C2H4O	LOW	-20 (-4) 50 (122)
QTS-61240	O3	MID	-20 (-4) 50 (122)

HUMIDITY:
 0 to 99 % Non Condensing Intermittent
 0 to 90 % Non Condensing Continuous
 * LDV = 9 - 18" (0.23 to 0.46 m) above floor.
 HIGH = 9 to 18" (0.23 to 0.46 m) below ceiling.
 MID = 4 to 6 ft (1.2 to 1.8 m) above floor.

DRN Y. DUBE	01-03-19
CHK	
DESIGN	RICHMOND, BRITAINIA, CANADA
APP'D	
Q.A.	
APPLICATION	
INDUSTRIAL	
DIMENSIONS ARE IN INCHES	
DIMENSIONS IN PARENTHESES	
ARE IN MILLIMETERS AND	
SHOWN FOR REFERENCE ONLY	
SCALE	FILENAME

QUATROSENSE ENVIRONMENTAL LTD
 4-20 mA TRANSMITTER/SENSOR
 QTS-6000 SERIES
 EX PROOF XD-1 ENCLOSURE
 INSTALLATION DRAWING

SIZE	TYPE	DATE	REV
B	ID	71050-020-000	A
DRN	CHK	APP'D	REV

REVISIONS			
REV	ECO	DESCRIPTION	DATE
A	759	FIRST RELEASE	06-04-21

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