

LIQUID SOLIDS CONTROL

MODEL 326 X1 & X2 PROCESS REFRACTOMETER



**LIQUID SOLIDS CONTROL, INC.
P.O.Box 259, Upton, MA. USA 01568**

TEL: (508) 529 - 3377

LSC Model 326

PROCESS REFRACTOMETER

MODEL 326 X1 & MODEL 326 X2

INSTALLATION GUIDE

SEPTEMBER 12, 2012

LIQUID SOLIDS CONTROL, INC.

P.O. Box 259

Upton, MA 01568 U.S.A.

TEL: (508)-529-7773

FAX: (508)-529-6591

Email: usa@liquidsolidscontrol.com

LIQUID SOLIDS CONTROL *DIVISION* OF LIQUID SOLIDS CONTROL, INC.

5723 Old West Saanich Road

Victoria, BC V9E 2H2, Canada

TEL: (250)-474-2243

FAX: (250)-474-3339

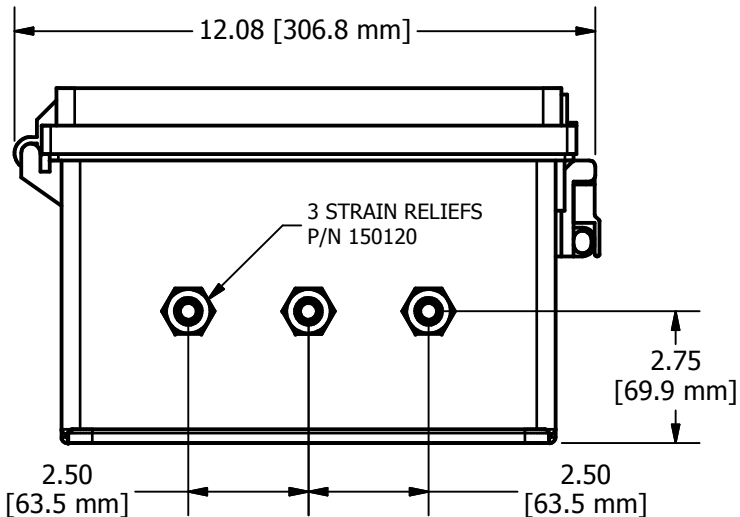
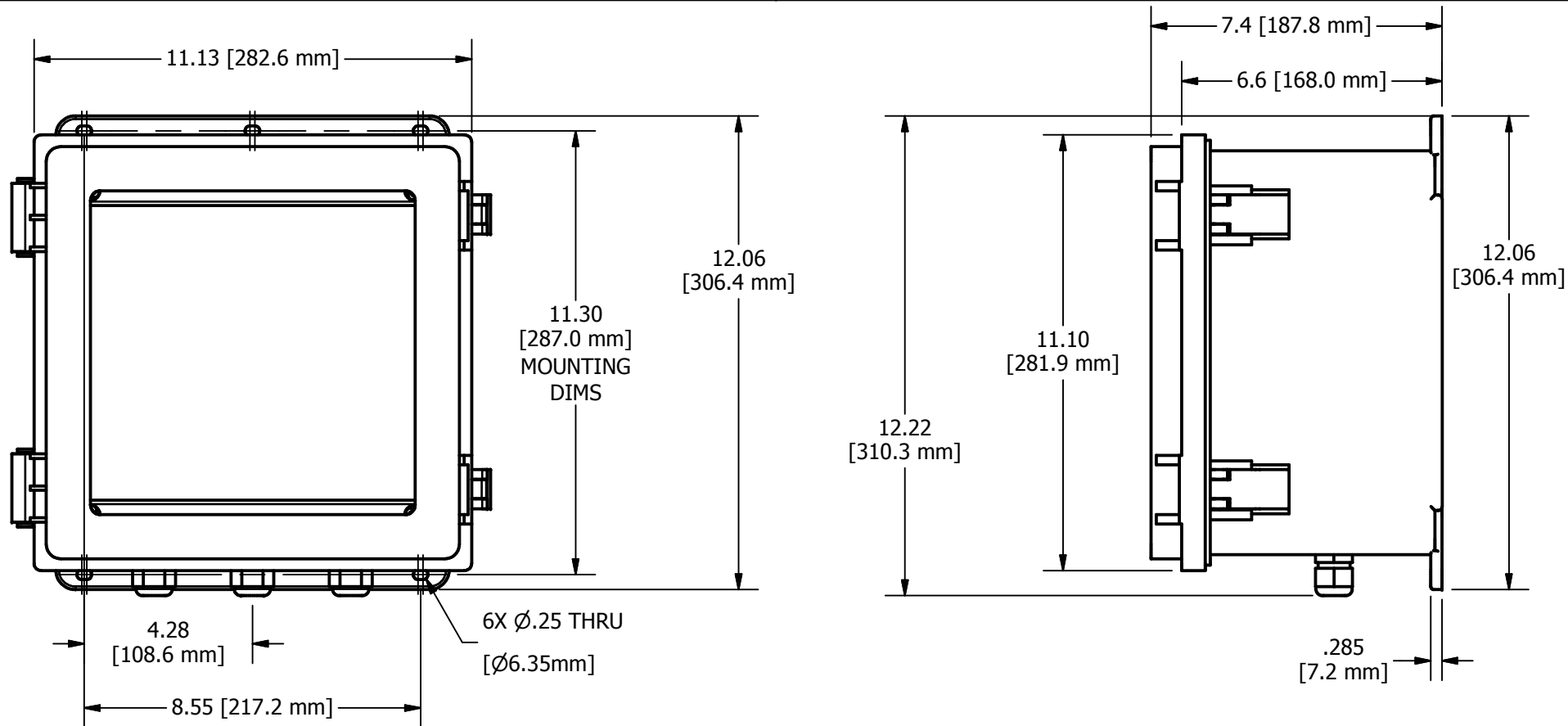
Email: canada@liquidsolidscontrol.com

NOTE:

This is a basic guide to install the model 326 process refractometer.

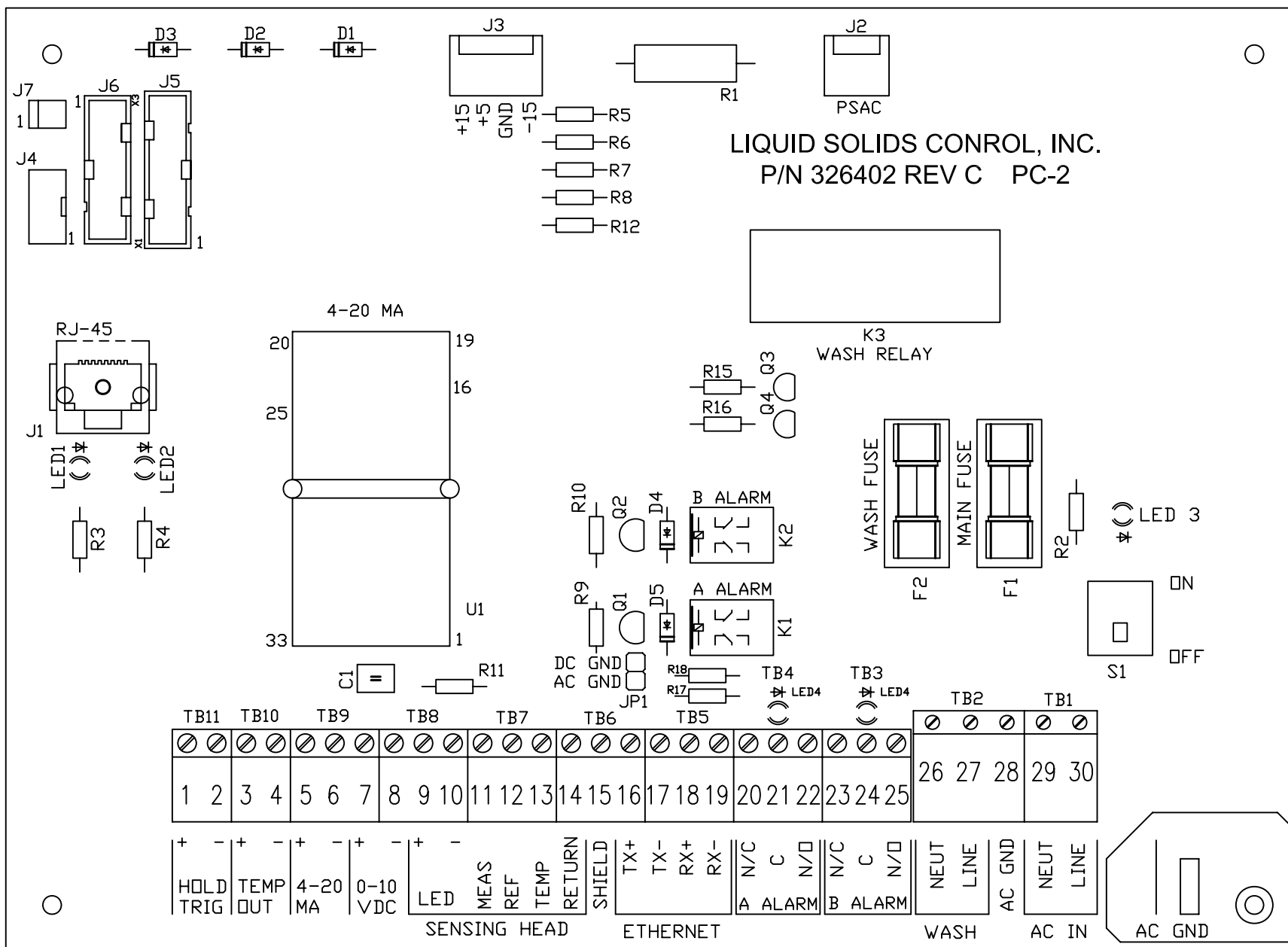
Full instruction manuals can be downloaded @ liquidsolidscontrol.com

If you need any further information please contact us.



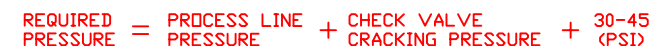
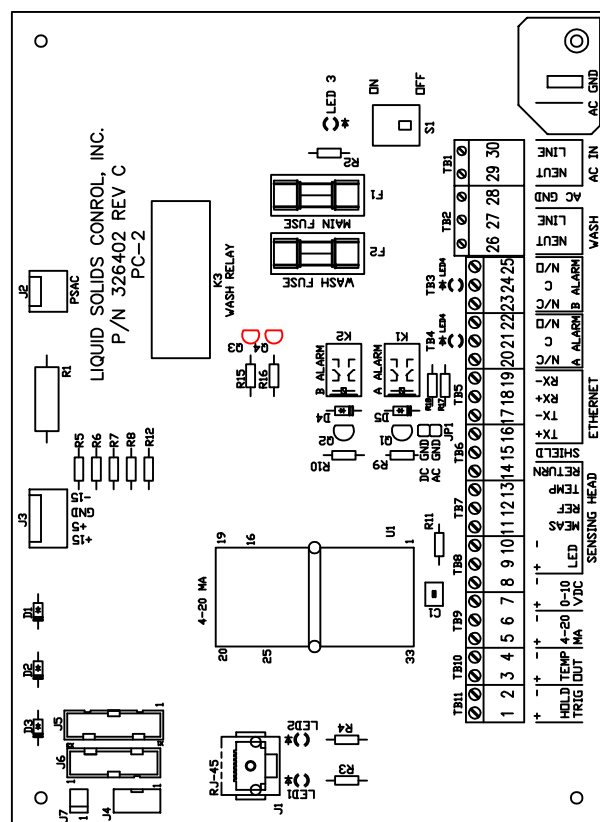
NEMA 4X POLYESTER ENCLOSURE
ALL BASIC DIMENSIONS ARE IN INCHES

 LIQUID SOLIDS CONTROL, INC.			
TOLERANCES (UNLESS OTHERWISE NOTED)	DRAWN BY: <i>John Franceschi</i>	DATE: 11/7/2017	
DECIMAL ± .005	APPROVED BY: <i>Steven Sabourin</i>	DATE: 11/7/2017	
FRACTIONS ± 1/64	MATERIAL: POLYESTER NEMA 4X	DESCRIPTION: INSTALLATION, MODEL 326 PROCESSOR	
ANGULAR ± 1°	DRAWINGSIZE: A		
SCALE 1 : 4	SHEET #	REVISION B	DWG # 326501-B
B: CORRECTED 3D MODEL DIMS			



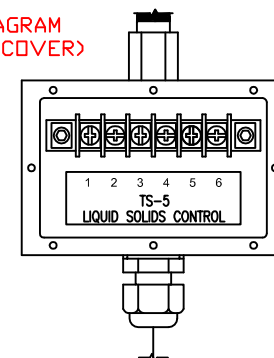
SILK SCREEN-YELLOW INK

LIQUID SOLIDS CONTROL, INC.			
TOLEANCES (unless otherwise noted)		DRAWN BY: CHRIS BERTHELETTE	
DECIMAL ± .005		APPROVED BY: Ed. Fiore	
FRACTIONS ± 1/64		DATE: 10-9-2008	
MATERIAL: N/A		DESCRIPTION: M-326, INTERCONNECTING BOARD OUTLINE	
ANGULAR ± 1°		SHEET SIZE: A	
SCALE: 2 : 1		SHEET # REVISION: 2 OF 4 A	
		DWG # 326600	



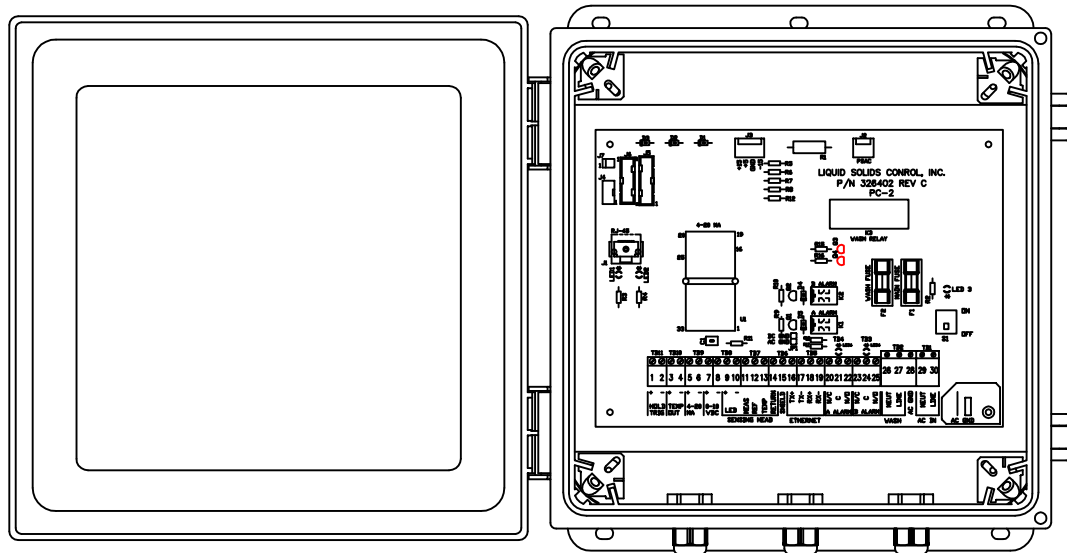
T-BOX WIRING DIAGRAM (SHOWN WITHOUT COVER)

TS5	COLOR	DESCRIP
1	RED	+ LED
2	BLK	-
3	BLK	REF
4	WHT	MEAS
5	GRN	TEMP
6	BLK	RETURN



30	AC LINE	
29	AC NEUT	AC INPUT
28	AC GND	
27	WASH (AC) LINE	
26	WASH NEUTRAL	
25	N/O	
24	C	"B" ALARM
23	N/C	
22	N/O	
21	C	"A" ALARM
20	N/C	
19	RX-	
18	RX+	ETHERNET
17	TX-	
16	TX+	
15	SHIELD	
14	RETURN	
13	TEMP	
12	REF	
11	MEAS	
10	-	
9	+ LED-	
8	-	
7	+	0 - 10 V OUT
6	-	
5	+	4 - 20 mA OUT
4	-	
3	+	TEMP OUT
2	-	
1	+	HOLD TRIG

INTERCONNECTING CABLE
LSC P/N 160706

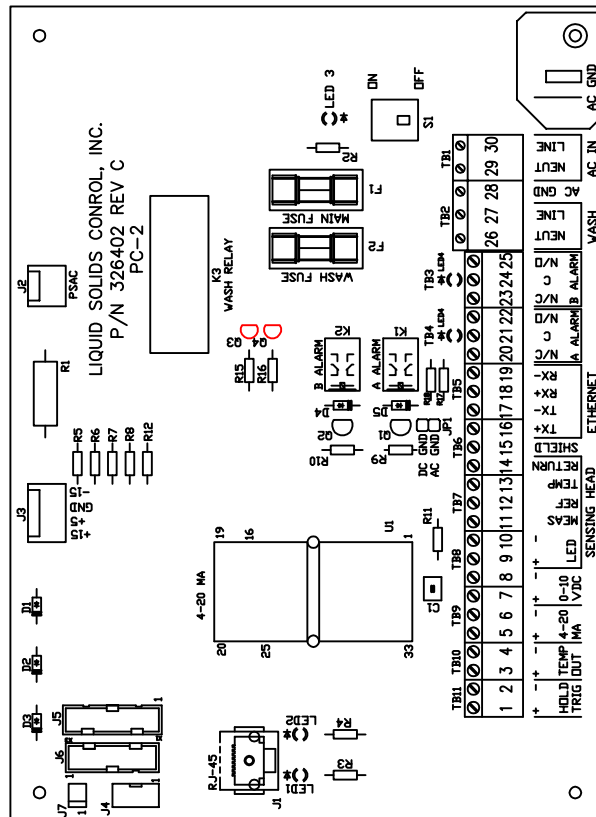


NOT INCLUDED WITH THIS
SYSTEM LSC P/N IS 190302

SOLENOID
115/220 VAC. OPEN

AIR
SUPPLY

PRISM WASH SYSTEM OPTIONAL



30	AC LINE	AC INPUT
29	AC NEUT	
28	AC GND	
27	WASH (AC) LINE	
26	WASH NEUTRAL	
25	N/O	
24	C	"B" ALARM
23	N/C	
22	N/O	
21	C	"A" ALARM
20	N/C	
19	RX-	
18	RX+	
17	TX-	ETHERNET
16	TX+	
15	SHIELD	SHIELD
14	RETURN	BLK
13	TEMP	GRN
12	REF	BLK
11	MEAS	WHT
10	-	BLK
9	+ LED-	RED
8	-	
7	+ 0 - 10 V OUT	
6	-	
5	+ 4 - 20 mA OUT	
4	-	
3	-	
2	-	
1	+ HOLD TRIG	



CONNECTOR WIRING
A RED } PAIR
B BLACK }
C BLACK } PAIR
D WHITE }
E GREEN } PAIR
F BLACK }
*CONNECTOR SUPPLIED
BY LSC #725427

CHECK VALVE
(PN: 190110)

INTERCONNECTING CABLE LSC P/N 725427

			LIQUID SOLIDS CONTROL, INC.	
TOLERANCES DECIMAL ± .005 FRACTIONS ± 1/64 ANGULAR ± 1° SCALE N/A	DRAWN BY: John Franceschi APPROVED BY: Ed Fiore	DATE: 9/28/2011 DATE: 9/28/2011	DESCRIPTION M326 TO PROBE INSTALLATION	
SHEET # 1 OF 1		REVISION 0	PART # 326615-PROBE	