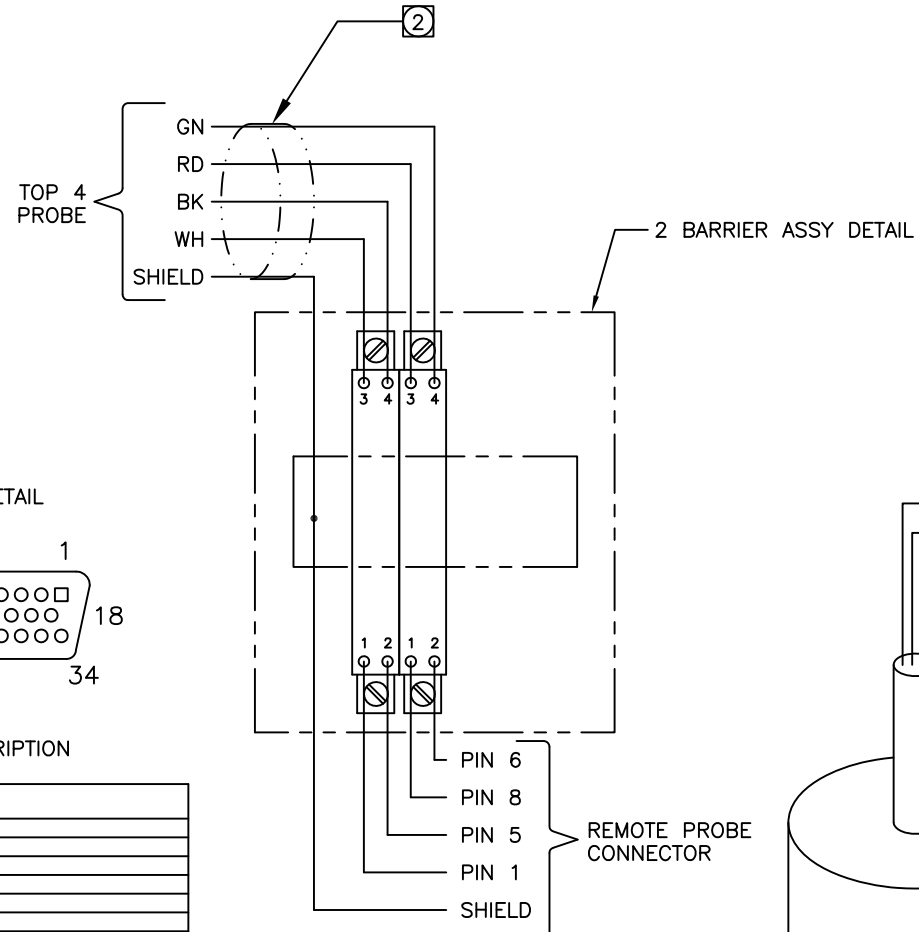


NOTES: UNLESS OTHERWISE SPECIFIED.

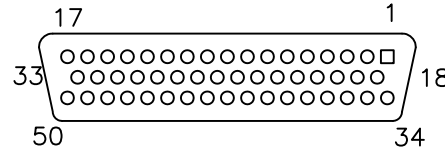
① WIRE RECOMMENDATION: 22 GA. (MIN) SHIELDED CABLE MAX 1200 ft  
REFER TO THE FOLLOWING CHART FOR ALTERNATIVE WIRE GA. INFORMATION.

WIRE GA	MAX LENGTH
22	1200 ft
20	2000 ft
18	3200 ft
16	4900 ft

② 2 METERS MAX



D-SUB CONNECTOR DETAIL



D-SUB CONNECTOR'S DESCRIPTION

PIN No	DESCRIPTION
1	
2	
3	+ RANGE ID 4-20 mA
4	- RANGE ID 4-20 mA
5	+ OUTPUT 4-20 mA
6	- OUTPUT 4-20 mA
7	- OUTPUT 0-1 V
8	+ RANGE ID 0-1 V
9	
10	
11	
12	
13	NETWORK +
14	REMOTE THERMISTOR
15	ZERO SOLENOID RETURN
16	SPAN SOLENOID RETURN
17	SPAN SOLENOID HOT
18	RANGE 3 CONTACT
19	RANGE 3 CONTACT
20	ALARM 3 C CONTACT
21	RANGE 1 CONTACT
22	RANGE 2 CONTACT
23	- RANGE ID 0-1 V
24	+ OUTPUT 0-1 V
25	
26	
27	
28	ALARM 1 C CONTACT
29	NETWORK -
30	REMOTE SENSOR +
31	REMOTE THERMISTOR
32	EXHAUST SOLENOID HOT
33	SAMPLE SOLENOID HOT
34	RANGE 4 CONTACT
35	RANGE 4 CONTACT
36	ALARM 3 NC CONTACT
37	ALARM 3 NO CONTACT
38	RANGE 1 CONTACT
39	RANGE 2 CONTACT
40	CALIBRATION CONTACT
41	CALIBRATION CONTACT
42	ALARM 2 NC CONTACT
43	ALARM 2 NO CONTACT
44	ALARM 2 C CONTACT
45	ALARM 1 NC CONTACT
46	ALARM 1 NO CONTACT
47	REMOTE SENSOR -
48	EXHAUST SOLENOID RETURN
49	ZERO SOLENOID HOT
50	SAMPLE SOLENOID RETURN

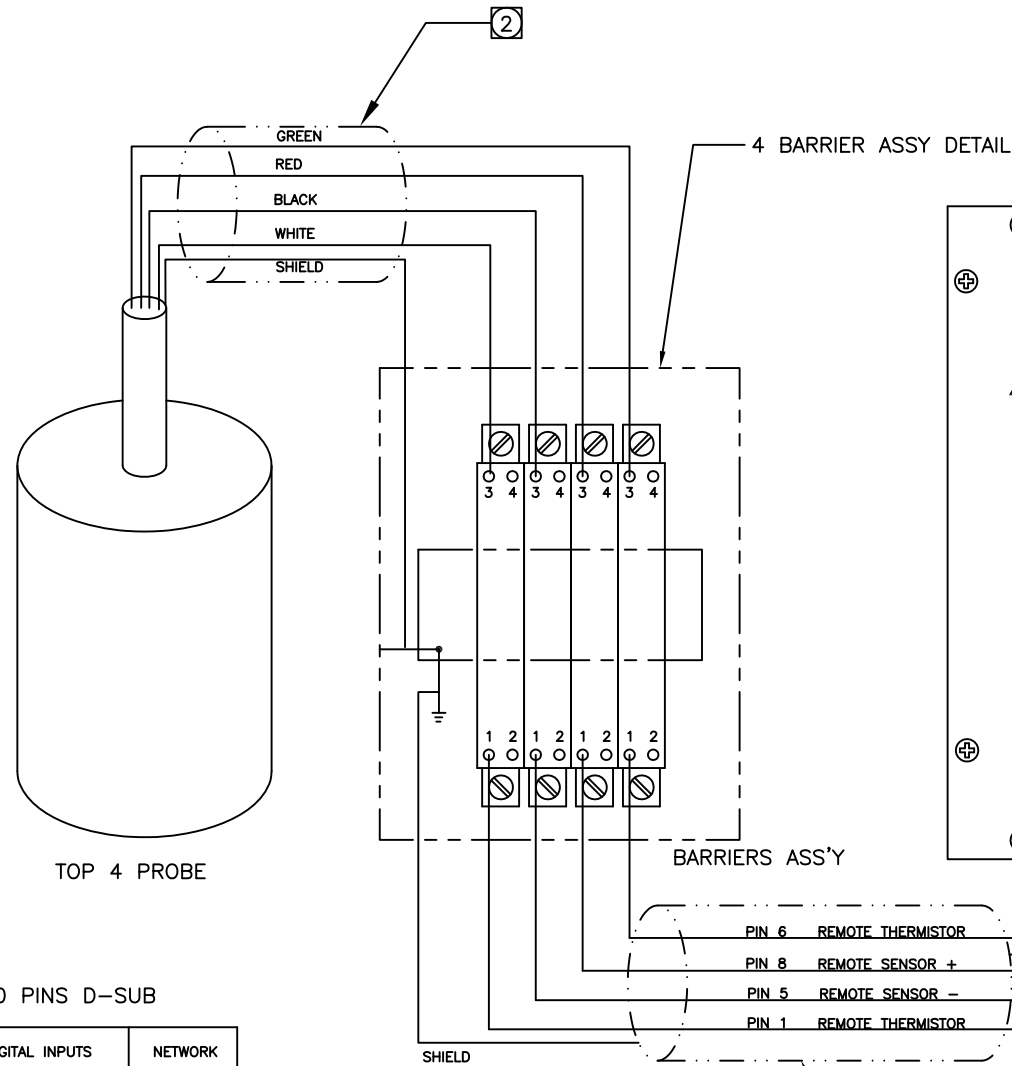
INTERCONNECTION VS. PIN NO OF 50 PINS D-SUB

DESCRIPTION	ANALOG OUTPUTS				DIGITAL INPUTS				NETWORK										
	CURRENT 4-20mA		VOLTAGE 0-1V		REMOTE SPAN	REMOTE ZERO													
	% RANGE	RANGE ID	% RANGE	RANGE ID	+ -	+ -													
PIN NO.	5	6	3	4	24	7	8	23	9	11	10	12	13	29					
DESCRIPTION	RELAY OUTPUTS																		
	THRESHOLD ALARM 1	THRESHOLD ALARM 2	SYSTEM ALARM	CAL. CONTACT	RANGE 1 ID CONTACT	RANGE 2 ID CONTACT	RANGE 3 ID CONTACT	RANGE 4 ID CONTACT											
PIN NO.	45	28	46	42	44	43	36	20	37	40	41	21	38	22	39	19	18	34	35
DESCRIPTION	REMOTE SOLENOID																		
	ZERO	SAMPLE	SPAN	EXHAUST															
PIN NO.	49	15	33	50	17	16	32	48											

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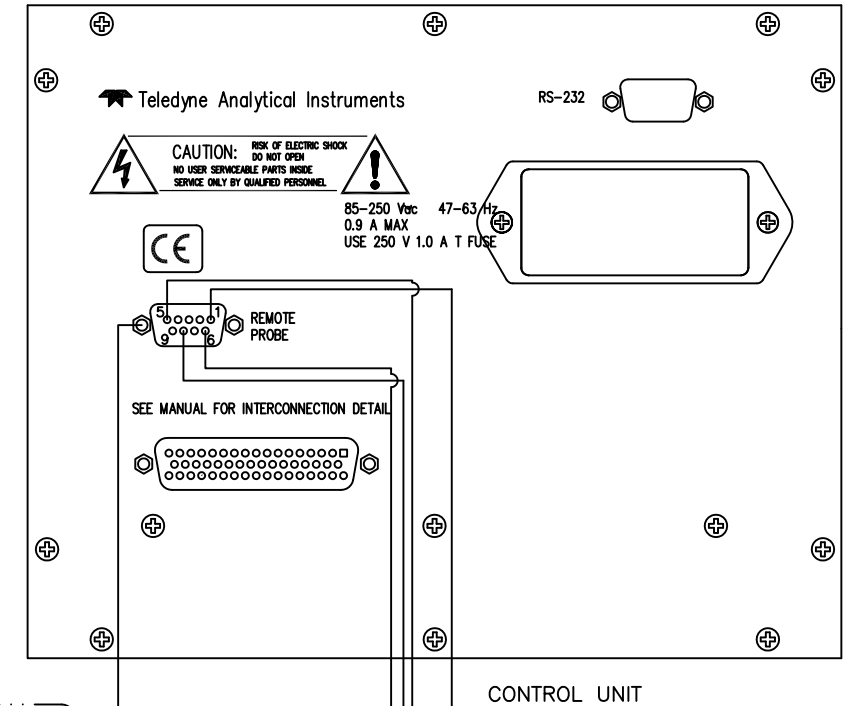
REVISIONS				
REV	DESCRIPTION	DATE	APP.	REV. BY
3	INC ECO 97-0388	5/29/97	KFP	M.V.
4	INC ECO 98-0223	4/24/98	KFP	VF
5	INC ECO 17-0030	01/16/18	AA	VF

BASEEFA Certified Product  
No modification permitted  
without the approval of the  
Authorized Person



REMOTE PROBE INTERCONNECTION

REMOTE PROBE 9 PIN D-SUB				
PIN NO	8	5	6	1
ID	+	-	-	+
	SENSOR			THERMISTOR



ITEM	QTY	PART NO.	DESCRIPTION
BILL OF MATERIAL			
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TELEDYNE Analytical Instruments	
TOLERANCE: .XX = ±.1		A Business Unit of Teledyne Instruments, Inc.	
ANGULAR ±1/2°		City of Industry, California 91746, USA	
LINEAR .XXX = ±.010			
SIGNATURES		DATE	
N/	DRFT: [Signature]	4-22-96	
I/	CHK:		
O/	APPR: A. XING		
P/	ENGR: A. XING		
F/	C.O.		
REFERENCE	CAD ID D66193-5		
TITLE			SCALE NONE
INTERCONNECTION DIAGRAM			SIM
MODEL 3010TAC			SHEET 1 OF 1
MATL.			REV
DWG NO.			D- 66193
			5