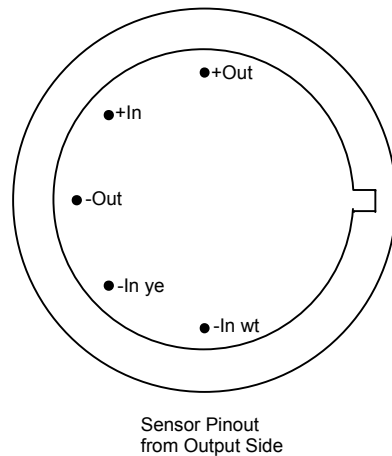
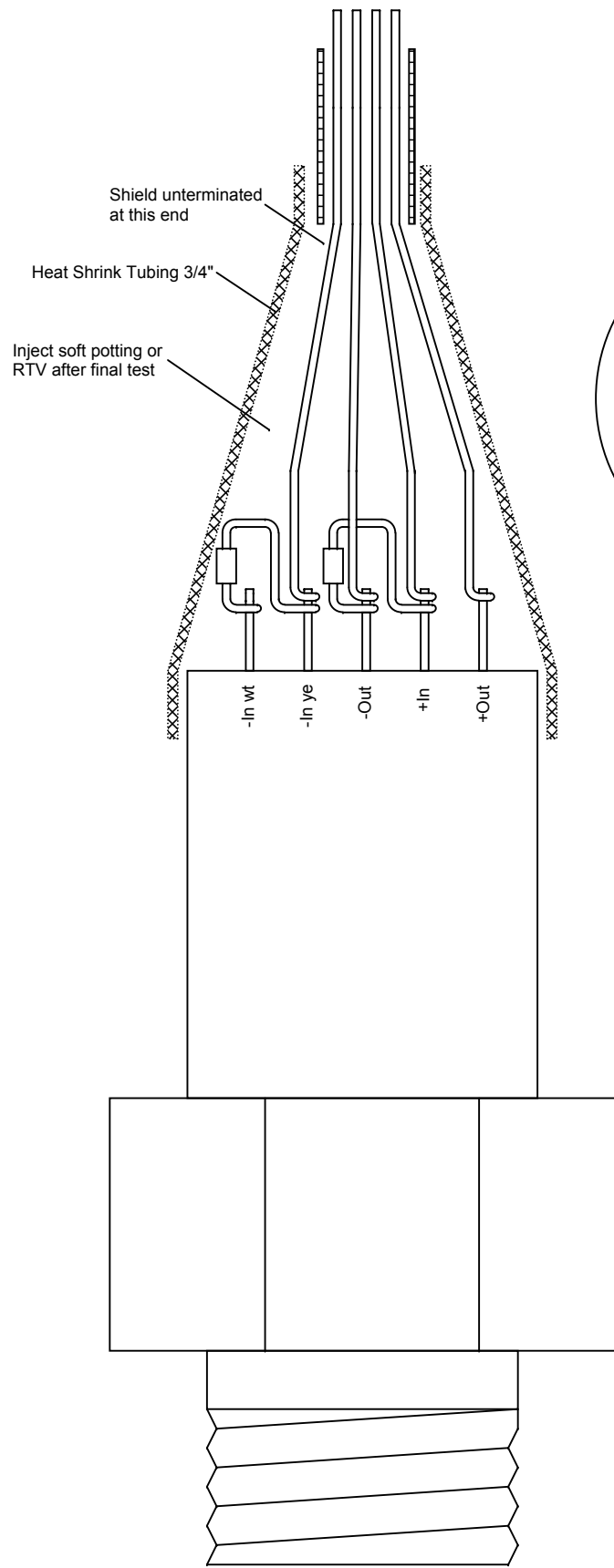




RCal1 thru RCal4 are specified on the sensor's calibration sheet.

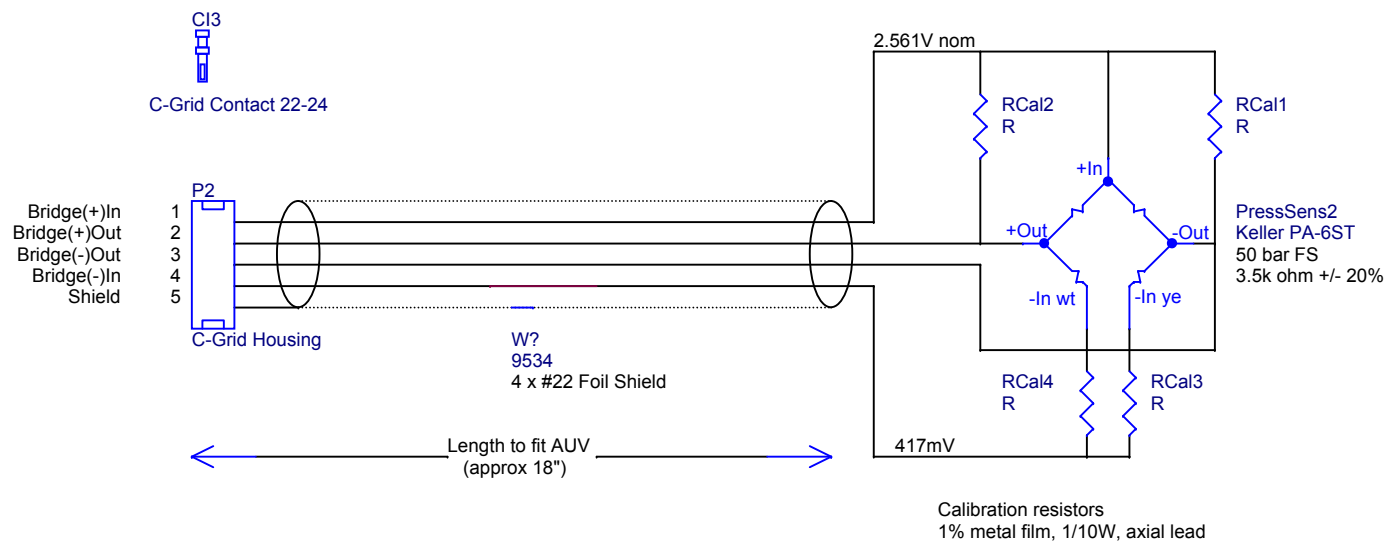
Any or all may not be needed for any given sensor.

Diagram shows RCal1 and RCal4 installed.

Example below shows calibration sheet for sensor that only needs RCal4 installed (68 ohm):

----- 206				
PA-6ST/50BAR/80400,XX				
Temp	Zero	-1000	Comp	dZero
[°C]	[mV]	[mV]	[mV]	[mV]
0.2	-16.1	-12.3	0.8	-0.0
24.0	-16.1	-11.9	0.8	0.0
48.9	-16.3	-11.7	0.7	-0.2
-----L1				
COMP	R1/R2	open	R4	68.0 Ohm
RB		4077 Ohm		
ZERO		0.8 mV	P_atm	974 mbar
SENS		3.34 mV/bar	at	1.000 mA
SENS		13.34 mV/bar	at	4.000 mA
LIN			Lnorm	Lbfs1
	[bar]	[mV]	[%Fs]	[%Fs]
	0.000	0.0	0.00	-0.18
	25.000	83.8	0.24	0.18
	50.000	166.4	-0.24	-0.18

Long Term Stability Ok				
Lot 1442				
Test 500 Volt ok				
Supply 1.000 mA				
09.04.10 ----- PH01.D03DaK				





MBARI
7700 Sandholdt Rd
Moss Landing CA 95039
831-775-1700

Assembly, Pressure Sensor, Load Control Analog Board, Tethys LRAUV

Ed Mellinger meed@mbari.org	Size B	Dwg No 10020568	Sheet 1 of 3	Rev 1.0	Date Thursday, January 27, 2011
--------------------------------	-----------	--------------------	-----------------	------------	------------------------------------

\\Tornado\projectlibrary\900739.LRAUV\Project Documents\Electronics\LoadControl\Subsystem\LCBAnalogBoard\Schematic