MOUNTING HOLE
0.125 (3.2) DIA.
(4 PLACES)

.810
(20.6)

.810
(20.6)

P4   H A B
G K J C
F E D

3.88
(98.5) DIA.

COMPONENT SIDE

Dimensions in inches (mm)

.56 (14.7)

cable pigtail
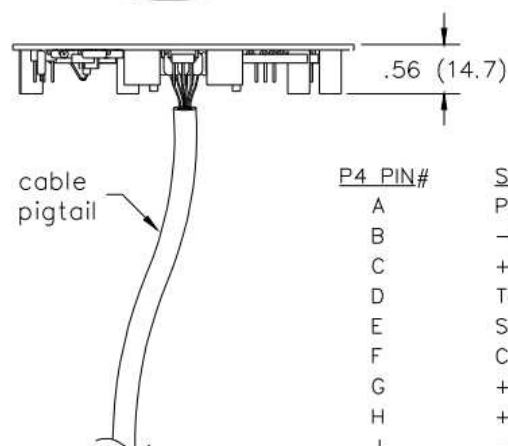
P4 PIN#	SIGNAL/FUNCTION	WIRE COLOR
A	Power Ground	BLACK
B	−12 VDC in	PURPLE
C	+X out	GREEN
D	Temperature out	YELLOW
E	Signal ground	WHITE
F	Case/Earth ground	DRAIN WIRE
G	+Y out	BLUE
H	+12 VDC in	RED
J	−X out	GREY
K	−Y out	BROWN

P3
(Temp Sensor)

P1
(Y−Sensor)

P2
(X−Sensor)

TOP VIEW
(Component Side)

SW1 ("GAIN − LOW/HIGH" DPDT Switch)

SW2 ("FILTER − OFF/ON" DPDT Switch)

LO   HIGH
OFF ON
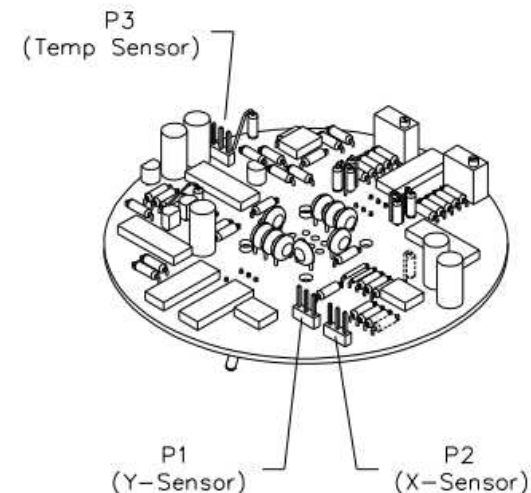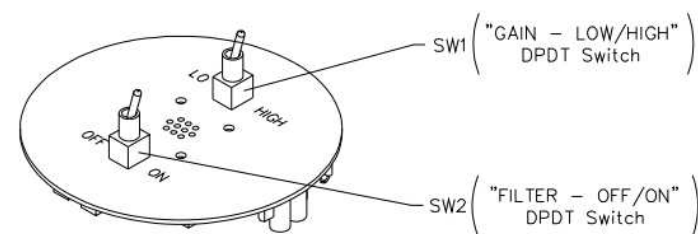
BOTTOM VIEW
(Solder/Switch Side)

Jewell Instruments

MODEL 83162 SIGNAL CONDITIONER