

Power, Comms & Thermocouples  
Connector Diagram Legend:

P: Power

G: Ground

R+: RS422 receive (positive differential)

R-: RS422 receive (negative differential)

T+: RS422 transmit (positive differential)

T-: RS422 transmit (negative differential)

+: One side of tc

-: Other side tc

Red: Battery

Blue: Comms

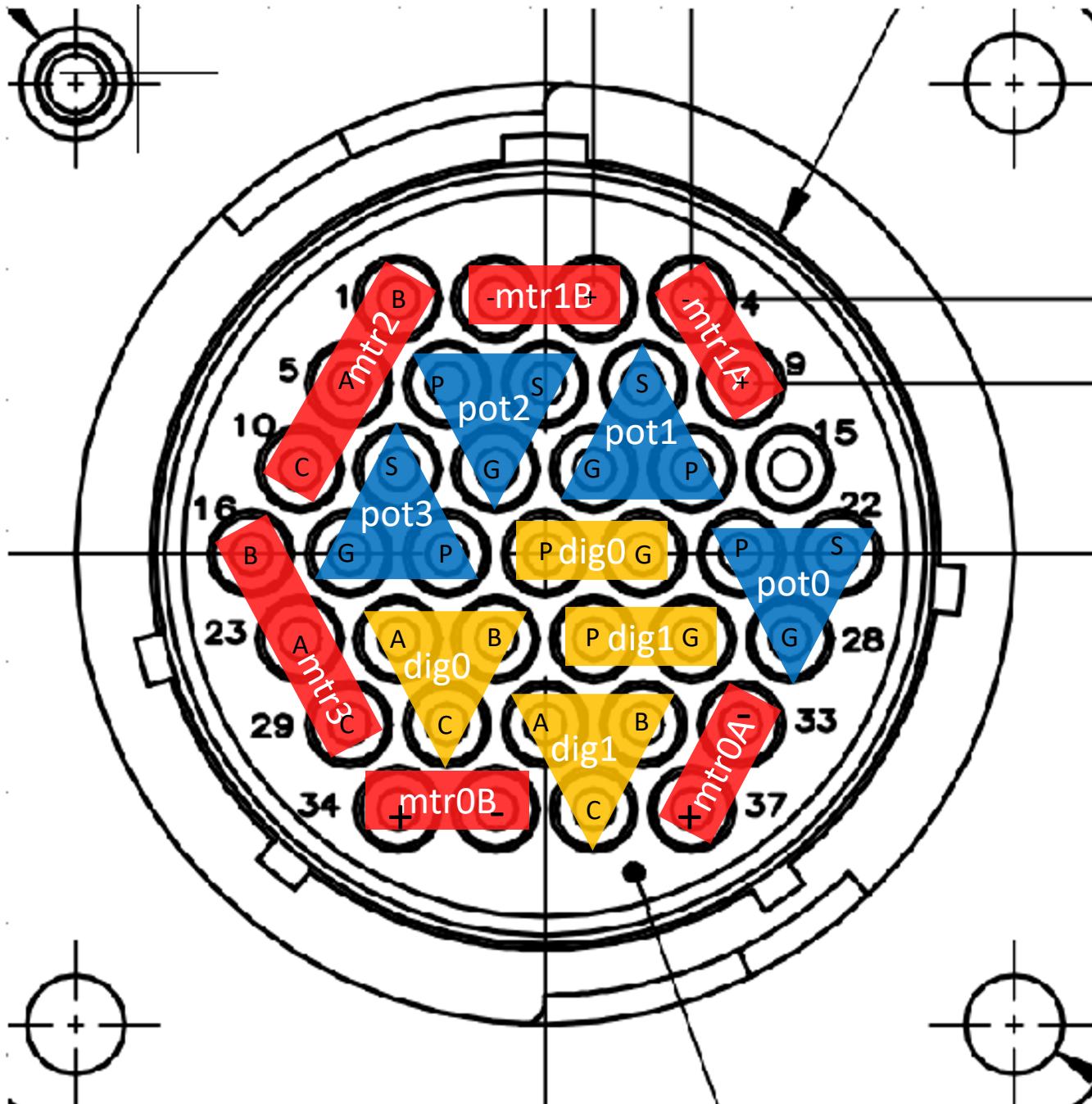
Green: Thermocouples

Board Connector: 2-208224-1 or similar

Harness Connector: 206305-1 or similar

Board pinout MATCHES connector pinout

Diagram is for both  
connector and board pinout



### Motor Connector Diagram Legend:

P: Power

G: Ground

S: Signal

A, B, C: phases for motor

A, B, C: Digital sensor (encoder or hall) output signals

+: One side of motor/valve

--: Other side of motor/valve

Red: Motors

Blue: Potentiometers

Yellow: Digital sensor

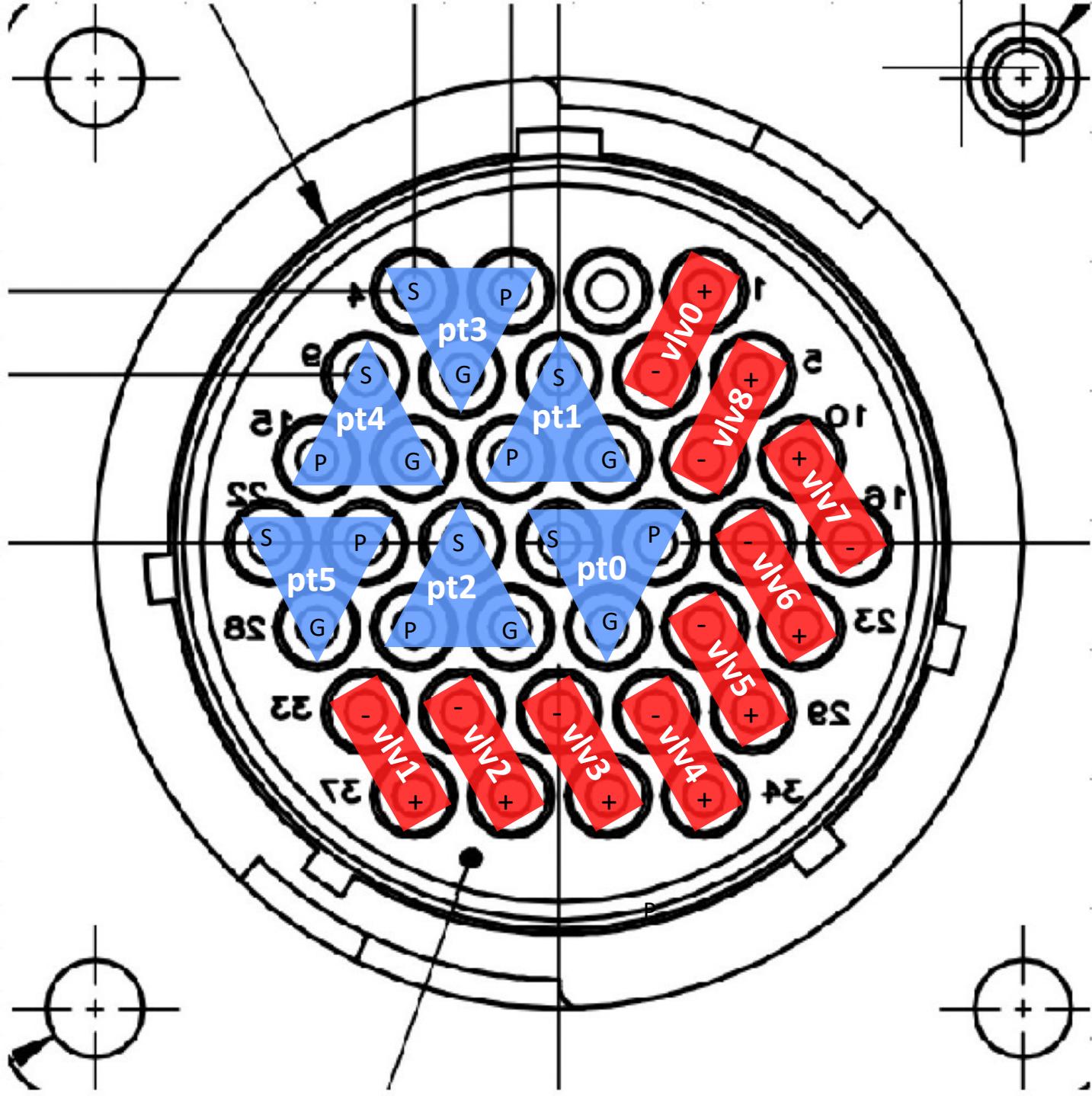
Board Connector: 1-206934-4 or similar

Harness Connector: 206150-1 or similar

Board pinout MIRRORS connector pinout about the vertical axis numerically

Diagram is for connector pinout only!

Board pinout is mirrored



Valve & Pressure Transducer  
Connector Diagram Legend:

P: Power

G: Ground

S: Signal

+: One side of motor/valve

-: Other side of motor/valve

Red: Valves

Blue: Pressure Transducers

Board Connector: 2-208224-1 or similar

Harness Connector: 206305-1 or similar

Board pinout MATCHES connector pinout

Diagram is for both  
connector and board pinout