

Attestations from Manufacturer

Regarding: Part numbers shown on schematics and Model number differences

David Shipley of Honeywell

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Schematics; The schematics are for P/N: 50025035. The rest of the documentation refers to P/N: 50025034. Please explain the discrepancy.

Here is the breakdown on the XYR6000 radio part/document numbers:

- o Printed Circuit card part number: 50025033
- o Printed Wiring Assembly (Final assembly) part number: 50025034
- o Schematic, for 50025034, document number: 50025035.

What are the differences in XYR6000 models, and why will those differences have no affect on the radio portion of the device?

Radio boards, antennas and cable assemblies are identical between the different XYR 6000 Models. All are selected via the Model Selection Guides (MSG) provided as part of the document dump.

There are four types of XYR 6000 transmitters. Temperature (Thermocouple, RTD and millivolt input types), Pressure, High Level Analog Input (HLAI – 1-5 Volts or 4-20 mA) and Corrosion. In all of these transmitters, the primary electronic difference is the Sensor Board. All Sensor Boards use the same A/D, the difference is in the “conditioning” circuitry that feeds into the A/D. This conditioning circuitry reads the signals from the sensor device and converts them into readable signals for the A/D.

Mechanically, the units are similar with the exception of the Pressure unit, which has a “Meterbody” attached to the bottom of the electronics housing. The meterbody is attached to a pipe or tank and measures the pressure in that container. As can be seen in the documents provided, the integral antenna is on top of the unit while the meterbody is on the bottom of the unit. During bench top and other tests performed during the development process, no measurable difference was found in RF signal strength between the Pressure transmitters and the other three transmitter types. For that reason, we state that testing one of these transmitter types is representational for all four transmitter types.