

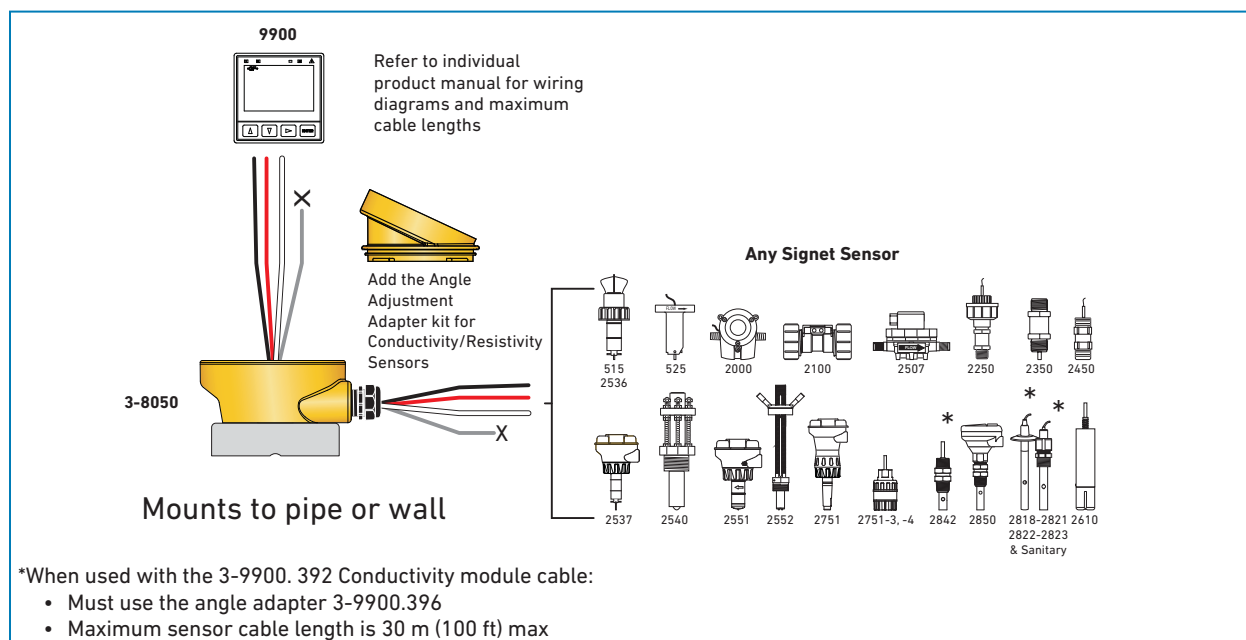
Automation Tech-Tips

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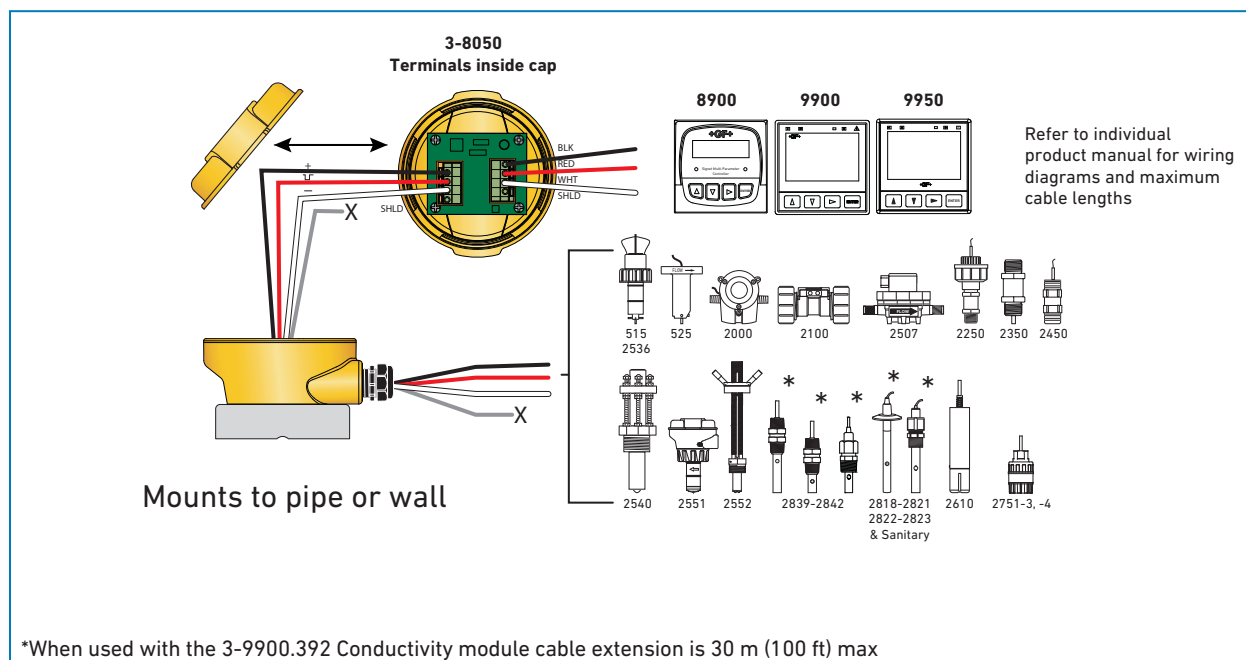
Title: Junction Box Selection

Choosing the right Signet junction box.....

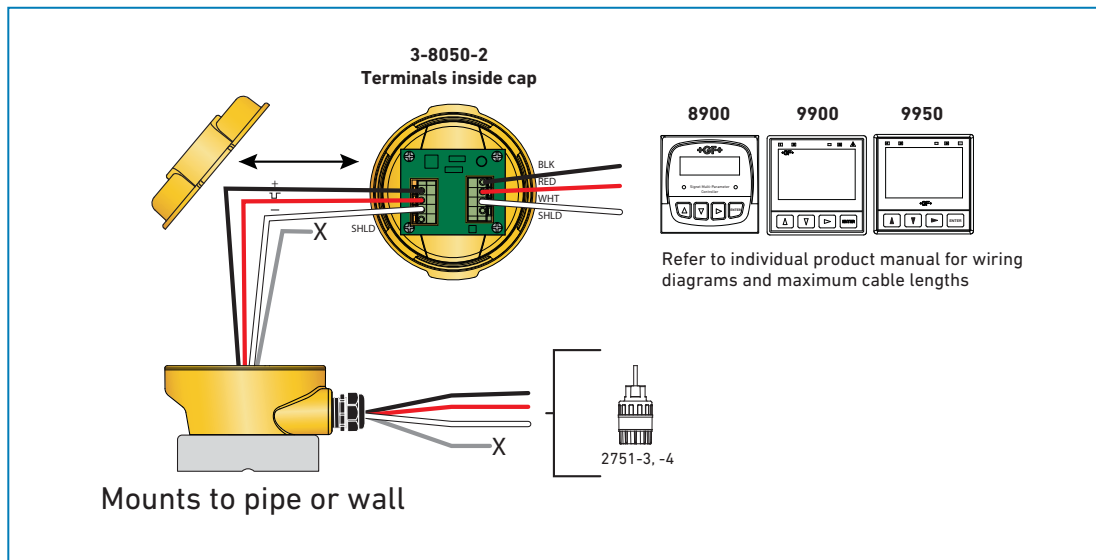
Junction Box 3-8050 - Mount the 9900 Field Mount Transmitter onto the junction box. Allows any Signet Sensor to be wired to the 9900.



Junction Box 3-8050-1 - Used to extend the standard cable length of Sensor/Sensor electronics to remotely located Signet 8900, 9900, or 9950 instruments.

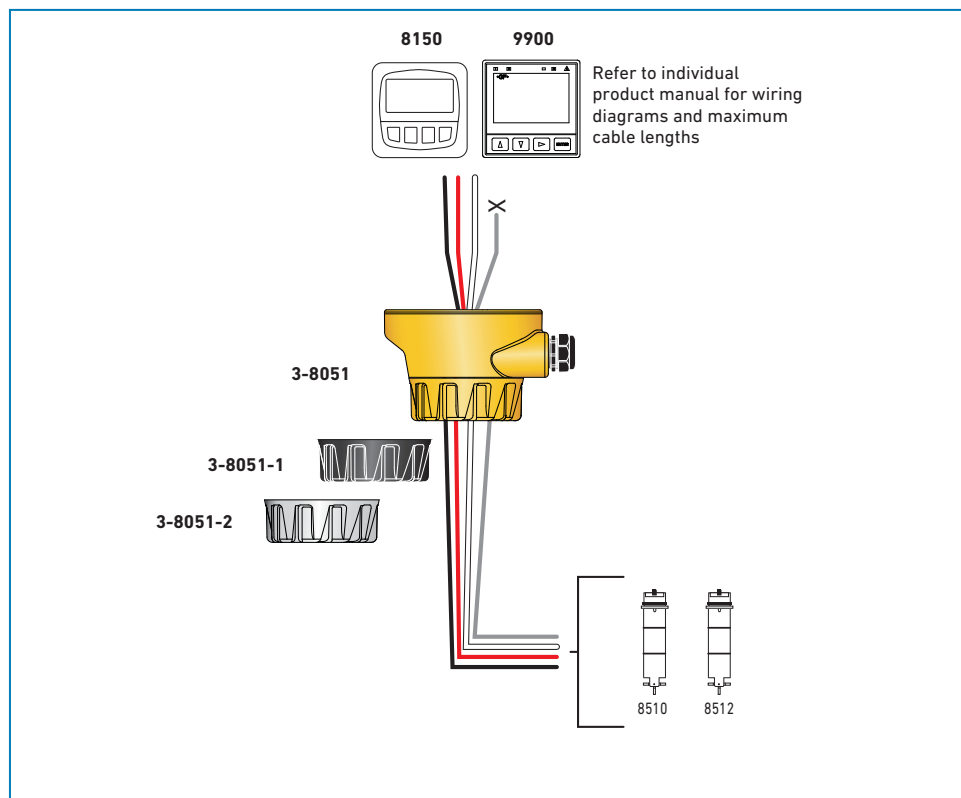


Junction Box 3-8050-2 - PCB with EasyCal board for pH/ORP calibration. Extends the standard cable length of 3-2751-XX Sensor electronics to remotely located Signet 8900, 9900, or 9950 instruments.

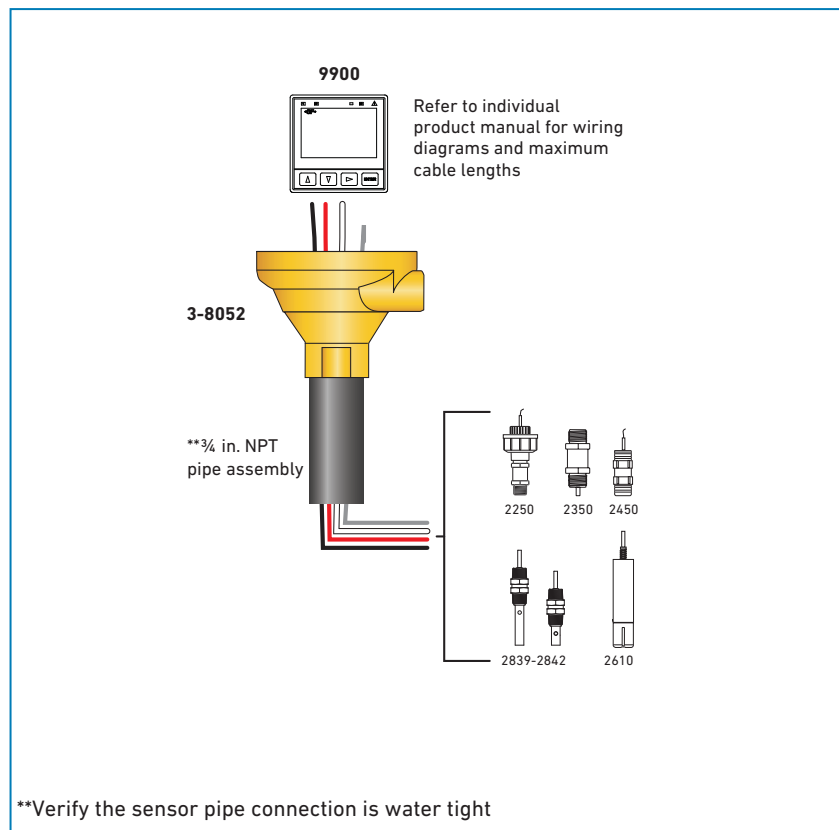


Junction Box 3-8051-X - Integral mounting kit, designed to mount a field mount instrument (8150, 9900) directly on top of 3-8510-X and 3-8512-X paddlewheel flow sensors.

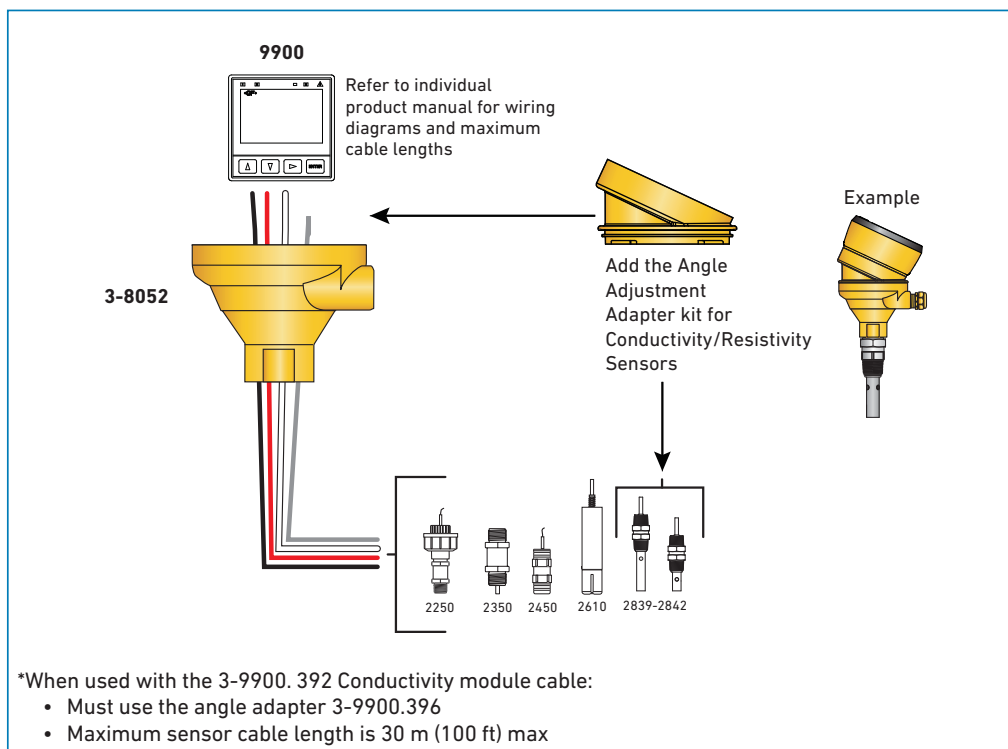
- 3-8051 - Yellow nut, general purpose
- 3-8051-1 - Black PP nut used with polypropylene sensor bodies
- 3-8051-2 - PVDF nut used with PVDF sensor bodies



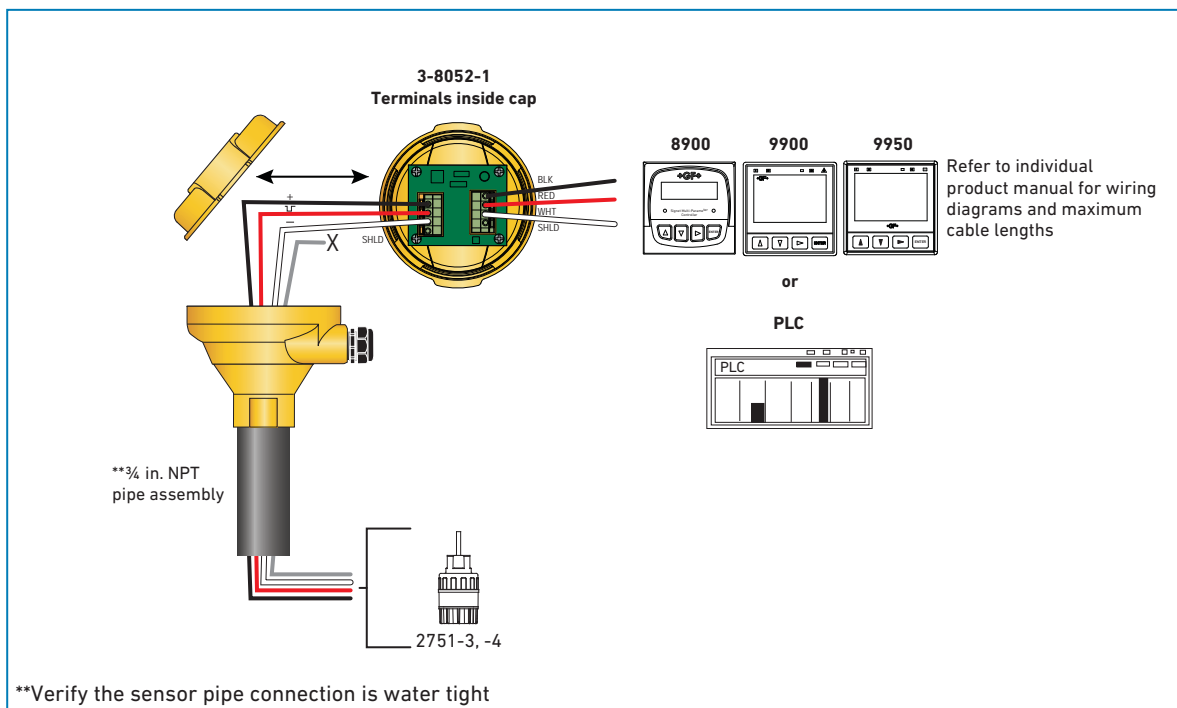
Junction Box 3-8052 - $\frac{3}{4}$ in. Integral Mount Kit, designed to support Submersible Application by placing the Sensor/Sensor electronic cable assembly onto a pipe and wire directly to a 9900 Field Mount transmitter with Local Display.



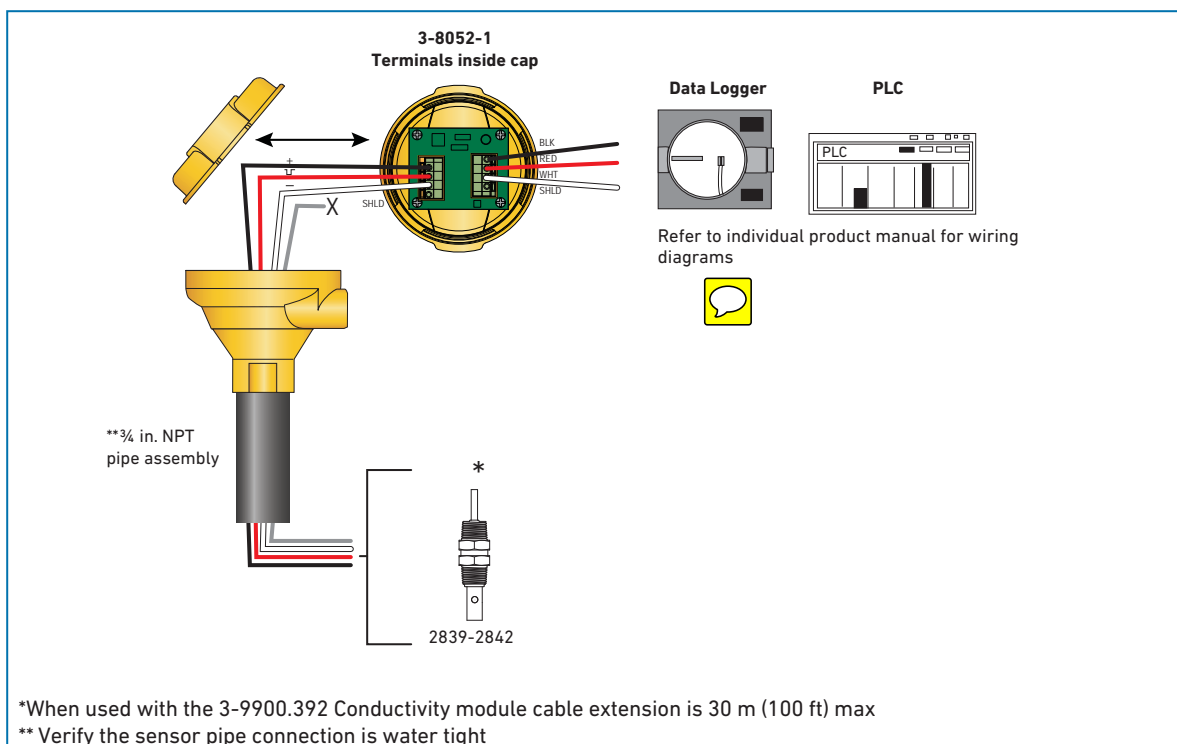
The 3-8052 can also be mounted directly on top on a Conductivity/Resistivity, Temperature or Pressure Sensor to be used with a 9900.



Junction Box 3-8052-1 - 3/4 in. NPT mount junction box with EasyCal board supports pH or ORP submersible application by allowing the cable assembly to be placed inside a pipe. The EasyCal feature allows calibration to be performed locally at the sensor and not the display. The internal terminal allows a customer supplied cable to be used to separate the measuring point from the 8900, 9900, or 9950 or send a 4-20 Ma signal to the PLC.



Junction Box 3-8052 -2- Provides a blind 4 to 20 mA conductivity output signal to a PLC/Data Logger.
 3/4 in. NPT mount junction box with EasyCal board supports submersible application when the conductivity sensors cable 4.6 m (15 ft max) is placed inside a pipe assembly. ~~The EasyCal feature~~ allows calibration to be performed locally at the sensor and not the display. The internal terminal allows a customer supplied cable to be used to separate the measuring point from the PLC up to the 305 m (1000 ft)



If you have any questions or need further information on other GF Signet products, please contact your local Georg Fischer Sales Office or visit us on the web at www.gfsignet.com | www.gfps.com