

Congratulations on the purchase of your new In-Line Fluorometer. In order to ensure that you get the most out of your instrument please refer to the wiring diagram, table and instructions below:

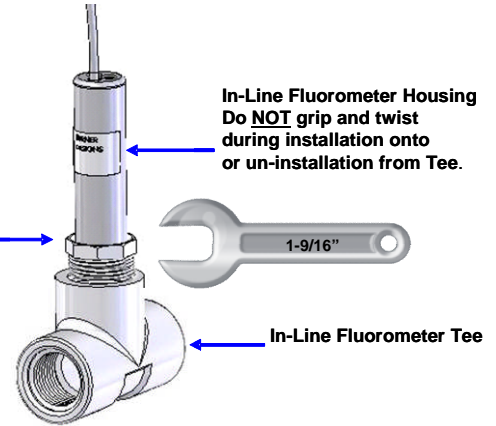
Connect the In-Line Fluorometer to the mounting tee provided.

**Always use a 1-9/16" Wrench to tighten and loosen the In-Line Fluorometer to the mounting tee. Tightening and loosening by hand can cause damage to the In-Line Fluorometer.**

**Note: In the event the In-Line Fluorometer must be removed for service, the mounting tee opening can be plugged with a 1" PVC Hex-Head Plug, schedule 80, [McMaster.com](http://McMaster.com) P/N 4596K75 or equivalent.**

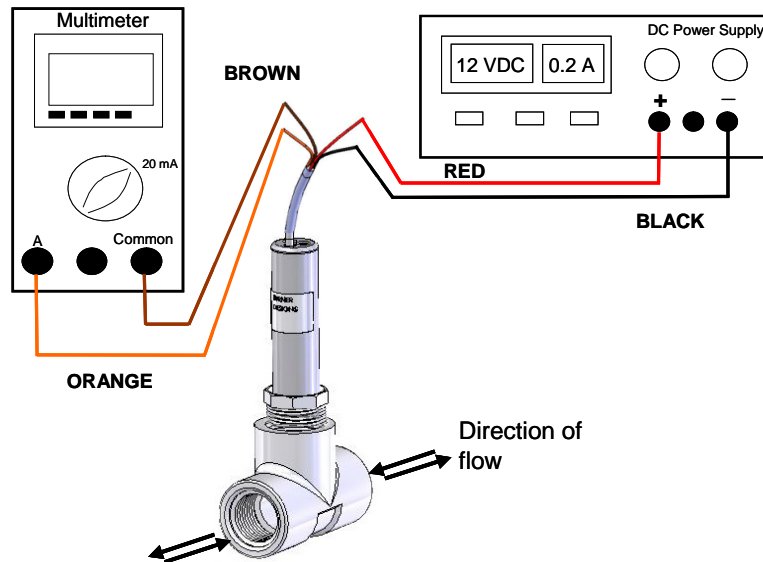


**In-Line Fluorometer Collar**  
Use a 1-9/16" Wrench to tighten and loosen the In-Line Fluorometer to the mounting tee



Connect the In-Line Fluorometer to a power supply and digital multimeter as shown.

**Note: The power ground (Black Wire) and the 4-20 mA return (Brown Wire) are not common. These wires should not be connected to the same point. Do not allow the bare wires to touch each other or conductive surfaces. Use standard electrical connection and insulation materials. Failure to properly connect the Little Dipper may result in damaged equipment.**



Wire Color	Function	Connection
Red	Supply Voltage 8 – 30 VDC	PSU – Positive Connection
Black	Supply Ground 0 VDC	PSU – Ground Connection
Orange	Signal out to data logger, "A", 4 – 20 mA DC	Multimeter "A" Connection
Green/Brown	Signal out to data logger, "Common", 4 – 20 mA DC	Multimeter "Common" Connection