

M00-10-1185 - Probe Cable Wiring Guide



NOTE: Before you use this manual, make sure you have the most recent revision. Look at the revision of this document to make sure it agrees with the most current revision found at <http://www.opwglobal.com/opw-fms/tech-support/manuals-how-to-videos>. Download the latest revision if necessary.

PLACE LABEL HERE

(when this document comes with a new probe)

Attach the new probe label in the box above. This label contains important programming information for your probe. File this label with your system manual or other safe location.

Probe Cable p/n 10-1185 (6-foot) and 10-1185-20 (20-foot)

The Micro-DC Plug 3-pole cable is compatible with all probes manufactured by OPW Fuel Management Systems.



NOTICE: Improper wiring can cause permanent damage to the probe!

Use only gas and oil resistant, shielded 2-conductor cable to extend the probe cable to a system or I.S. barrier (Belden #88760 [available from OPW Fuel Management Systems as part number 12-1300] or Alpha # 55371 cable).



CAUTION: Be sure that cabling to the controller is in rigid steel conduit dedicated to intrinsically safe wiring.



Install seal-offs at both ends of the conduit run.

Use bushings where probe cables enter the junction box.

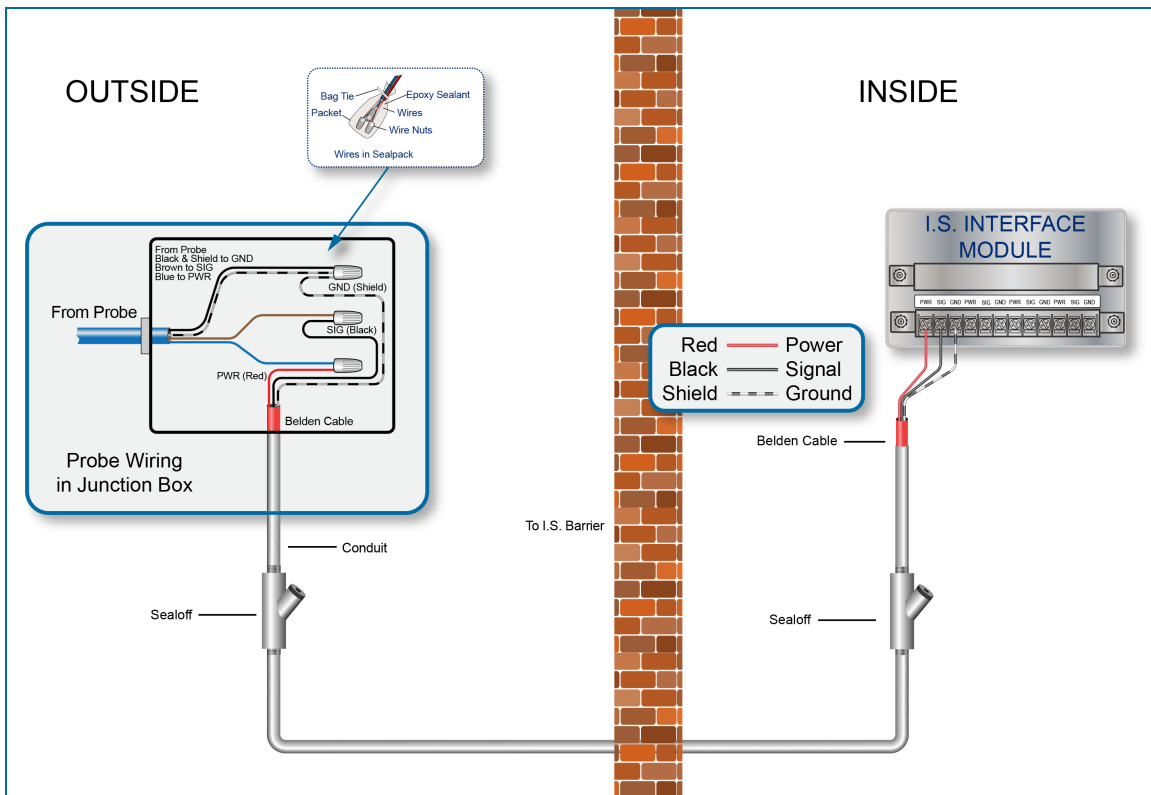
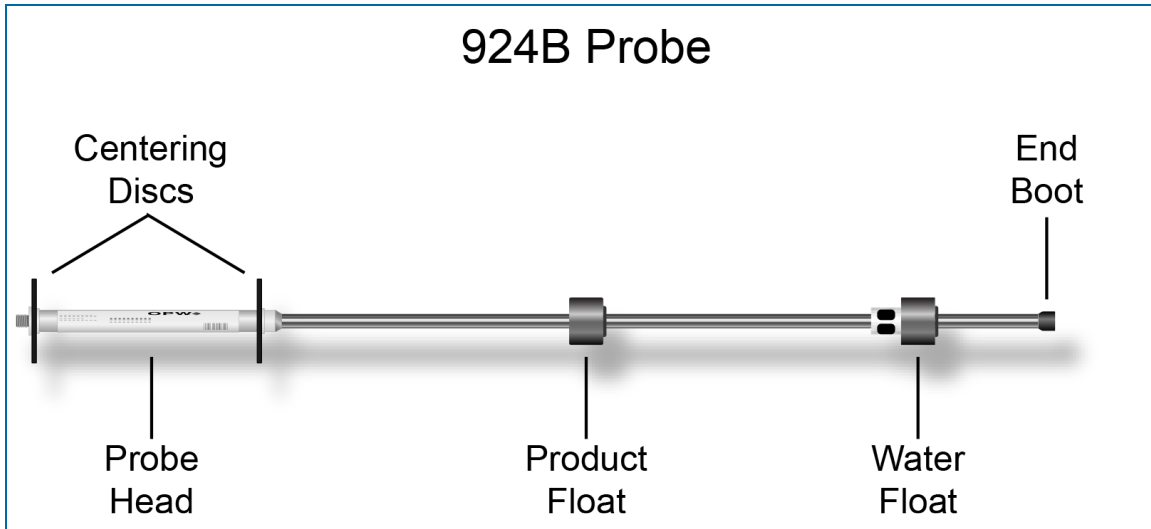
The probe must be connected with the supplied cable only.

Use the included wire nuts and epoxy seal packs to connect the probe cable to the cable running to the barrier. Refer to **M00-390008 Waterproof Electrical Connections** for more information.



IMPORTANT: Identify your system and the type of probe you are installing before installation.

924B Probe Connections

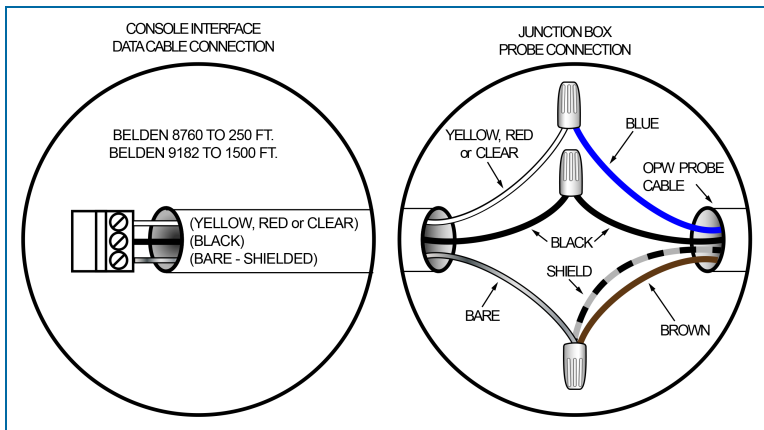


Probe Wiring to Barrier

EECO Probe Connections

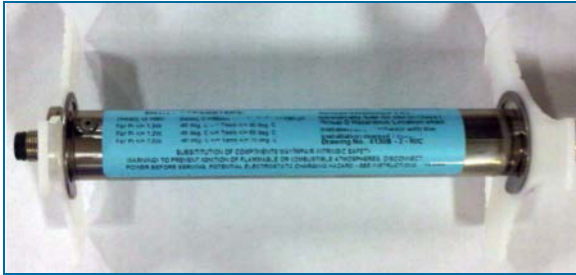


EECO Probe

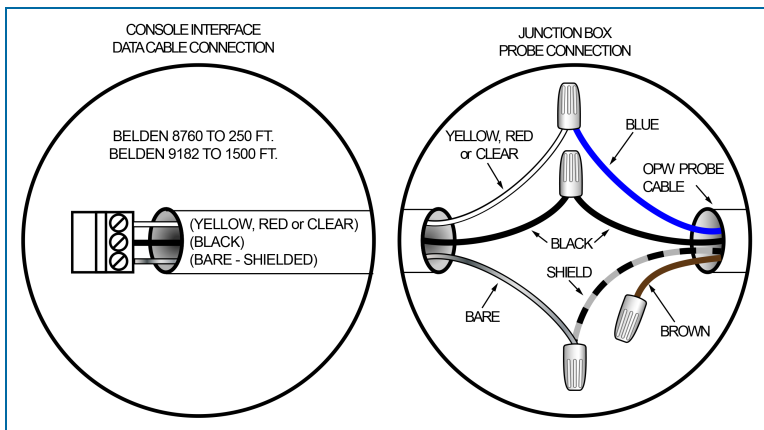


Wiring Installation for EECO Probes to 1500, 2000 and Galaxy Systems

TLM-B Probe (Blue Label) Connections



TLM-B Probe (Blue Label)



Wiring Installation for TLMB-Probe to 1500, 2000 and Galaxy Systems