

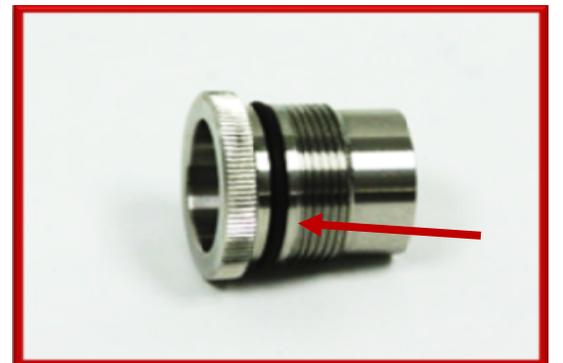
Installation & Maintenance Guide for the PR10-ISC

This document is designed to supplement the PR10 instruction manual. It depicts the installation of the Inductive Conductivity version using the ISC40G-GR or ISC40S-GR sensor.

1. Before you begin, make sure you have all of the following items: PR10 Holder; Instruction Manual; stainless process adapter; plastic cable relief fitting; stainless electrode adapter; O-ring; and (2) Allen wrenches.



2. Unscrew and remove the sensor tip from the holder, and take O-ring that was in the bag with the Instruction Manual and install it onto the sensor tip as shown.



3. In order to easily feed the cable thru the sensor tip and holder assembly it is best to use a piece of tape and tape the terminal ends of the cable together.





4. Thread the sensor tip onto the ISC40G(S)-GR sensor.



5. Then thread the entire sensor and sensor tip assembly thru and onto the PR10 holder.



6. Locate the metal process connection. There are two different types of threads on the adapter. One side is a 2" NPT thread and the other is a Gas straight thread.



The side that contains a bevelled end on the inside has the Gas straight thread **(A)**, where the side that is flushed has the NPT thread **(B)**.



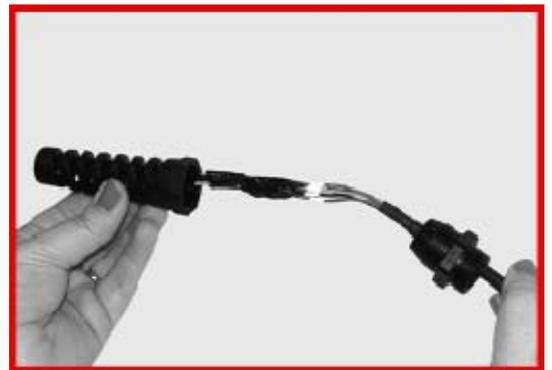
Attached the metal process connection and thread in onto the holder so that the side with the beveled end **(A)** is flush with the o-ring on the PR10 holder as shown in the images below.



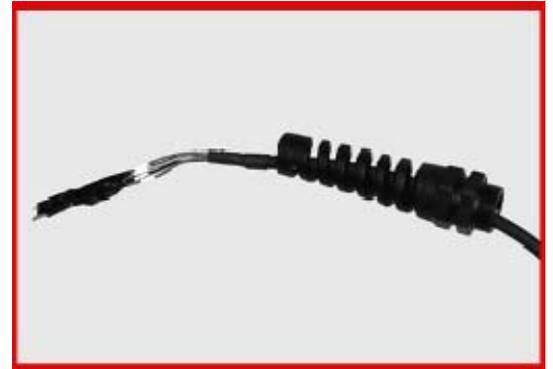
7. Now that the assembly is put together we need to seal the cable end of the holder. To do this you will need the following pieces taken apart.



8. Thread the taped end of the cable thru the squeezing tube portion of the cable strain relief plastic piece. Then thread the taped end of the cable thru the plastic tube portions of the cable strain relief.



9. Thread the two pieces of the cable strain relief together. Thread the cable strain relief into the PR10 holder.



10. The PR10 is now ready to be completely assembled with the designated ball valve and is ready for installation.

