

9050 pH connector Mounting instruction

A good care installing the cable and connectors is a warranty for a long life and reliable service of your pH system monitoring. Please respect all steps.

The specific cables 9060 (coaxial) and 9061 (tri-axial) for pH or ORP measurements have a high insulation resistance. This means all the system needs a high electric isolation between the centre wire and the shield; any humidity presence will disqualify the measurement.

Please note that a short circuit will induce a display of pH 7 (potential 0 mV).

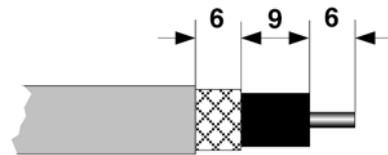
9060 coaxial cable preparation

Black semiconductor layer: it is a magnetic insulator, it never should be in contact with the internal conductor.

Respect the length specified on drawing.

The tools and hands should always be dry and clean when preparing the coaxial cable.

Welding: First, apply tin on the axial connector, and then weld on the centre wire, be careful not to break or fissure it.



Enlever la gaine noire

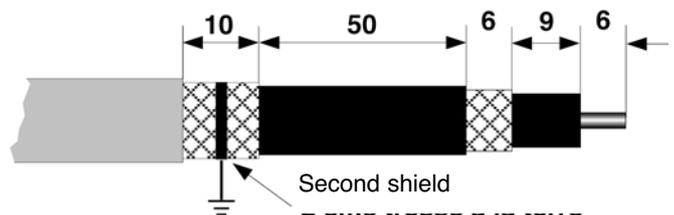
9061 tri-axial cable preparation

Prepare this cable as above.

The difference between 9060 and 9061 is a supplementary shield with an external insulation.

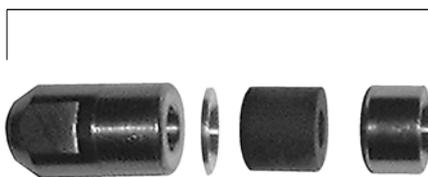
They should keep outside the connector.

The external shield should be connected to ground by side the pH metre.

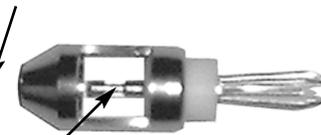


1) String these 4 pieces on cable

2) Fold back the shield to block it in the cone
It may not touch the centre wire



3) Weld on the centre wire to the
centre connector



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**9050
pH Connector**

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