



## Operational Warnings for -MSL Transducers



**WARNING:** Please read this document before unpacking your F/T Transducer.

### Transducer Connector Assembly

ATI Nano and Mini - MSL transducers are shipped with their crimp contacts not inserted in the connector housing. This will allow for feeding the transducer cable through a robot arm or other tight space. Keep the plastic tube protecting contacts in place until cable has been routed.

When you are ready to insert contacts, carefully cut the piece of heatshrink holding plastic tube and gently remove both pieces. For best results, use contact insertion tool (ATI part number 3805-05-1115) to lock crimp pins into the connector housing. See [9610-05-1030—F/T CAN Network Electronics for OEM Customers Manual](#) for more complete instructions.

Insert the crimp contacts according to Figure 1.1—Cable Color Assignment.

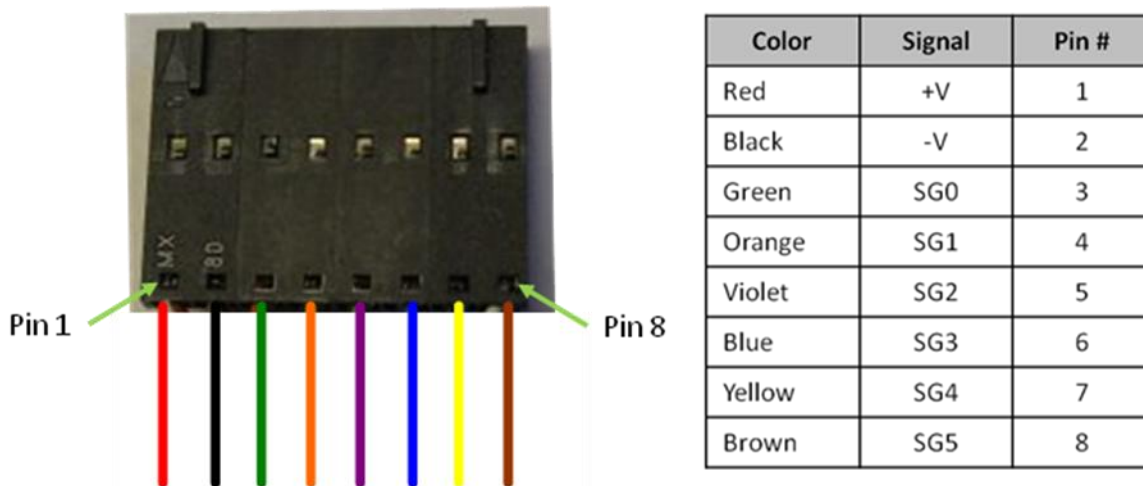


Figure 1.1—Cable Color Assignment

**Note:** Due to the thin transducer wires (AWG 36), the connection between crimp contact and wire is very delicate (about 0.5 lbs max. pull strength). Care has to be taken when handling these contacts. Don't pull on the wires; instead grab the contact at its end.

