

## Soway 0-500PSI Pressure Transducer

### Wiring Instructions for 4-pin Hirschmann Connector

*This instruction guide is provided for situations where the sensor was received un-wired, as a replacement for a broken sensor, or when the customer wishes to modify the length of a sensor cable.*

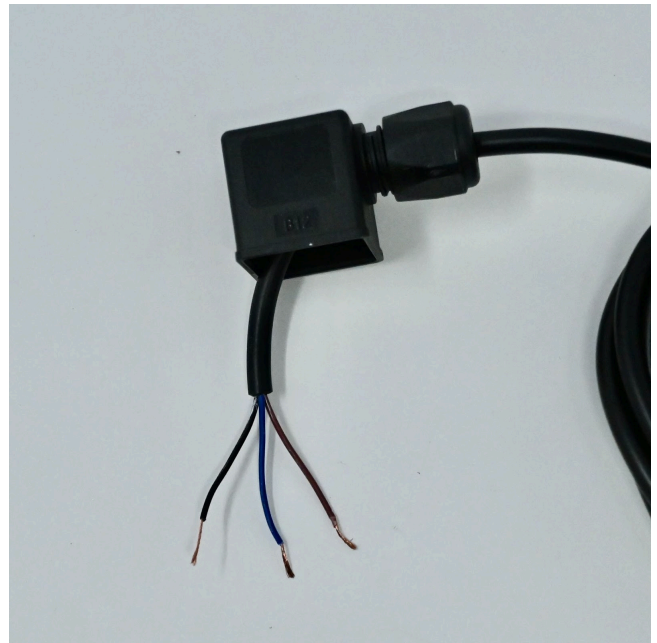
#### Step 1: Disassemble the Connector

- Remove the central screw with a philips screwdriver
- Pull the connector housing off of the sensor
- Extract the screw terminal block from the housing



#### Step 2: Insert the 3-wire Cable

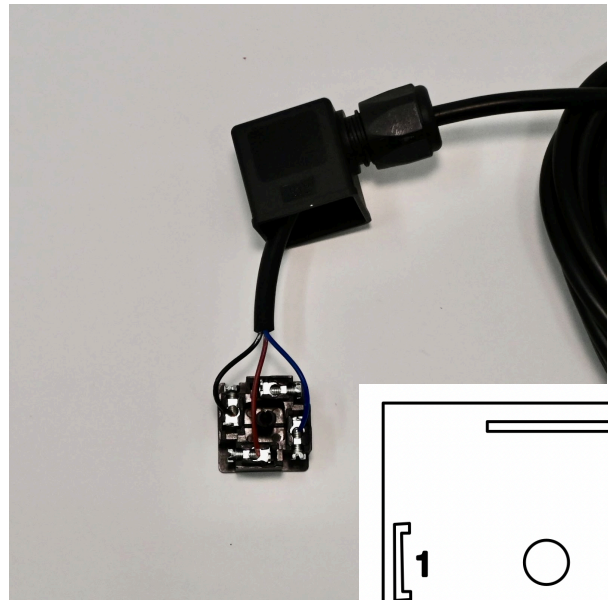
- Feed the cable through the cord grip
- Strip approximately 1.5 inches off of the outer cable jacket
- Strip approximately 1/4 inch off of each of the three stranded wires



### Step 3: Connect the wires to the screw terminals

- If your cable has Red/Black/White wires:
  - Connect the **Red** wire to Pin 1
  - Connect the **Black** wire to Pin 2
  - Connect the **White** wire to Pin 3
- If your cable has Black/Blue/Brown wires:
  - Connect the **Black** wire to Pin 1
  - Connect the **Blue** wire to Pin 2
  - Connect the **Brown** wire to Pin 3

*Optional: apply dielectric grease to screw terminals to prevent corrosion in wet environments.*



### Step 4: Close and Tighten Connector Housing

- Insert the terminal block into the connector housing. The terminal block is keyed to fit in a specific orientation in the housing. Do not force it!
- Seat the terminal block and gasket onto the sensor, paying attention to the pin alignment.
- Thread and tighten the central screw through the assembly and tighten for a snug fit. Do not overtighten!
- Tighten the cord grip around the cable.

