

## 9 Pin D-Sub Mating Connector

1. Strip the end of your cable back  $\frac{3}{4}$  inch. Remove any shielding and clip off the drain wire (drain wire is bare).
2. Route the wires through the connector housing (S2) and heat shrink (S1).
3. Locate the heat shrink flush with the end of the casing of your cable and using a heat gun apply heat to the shrink tubing. Apply the heat all the way around to assure that the tubing is good and tight.
4. Strip each wire of your cable  $\frac{1}{8}$  inch and tin each wire before attaching to the connector.
5. Using the wiring diagram attach each wire to the connector (S3) as indicated.

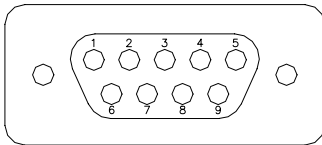
6. Slide the housing up the cable to the connector and snap the connector into place. It may be necessary to bend the wires in order to snap the connector in place.

7. Using your heat gun apply heat to the heat shrink that is attached to the housing and around the cable where it exits the housing. Be sure to apply heat evenly all the way around.

If you have questions regarding this Technical Bulletin, please call Technical Support at (800) 366-5412 or email [techsupport@encoder.com](mailto:techsupport@encoder.com).

TB-503.doc, Rev D, 05/02/02

### WIRE TERMINATION SIDE OF CONNECTOR



PIN #	FUNCTION	INT.COL.
1	+VDC	RED
2	A	WHITE
3	$\bar{A}$	BROWN
4	B	BLUE
5	$\bar{B}$	VIOLET
6	Z	ORANGE
7	$\bar{Z}$	YELLOW
8	CASE (CE)	SHIELD DRAIN
9	COM	BLACK

