Interfacing Data Instruments Strain Links:

COMPRESSION Hookup

Shield	Shield
+Excitation	Red
+ Signal	Green
− Signal	White
−Excitation	Black

Data Instruments
Amplified
Strain Link

TENSION Hookup

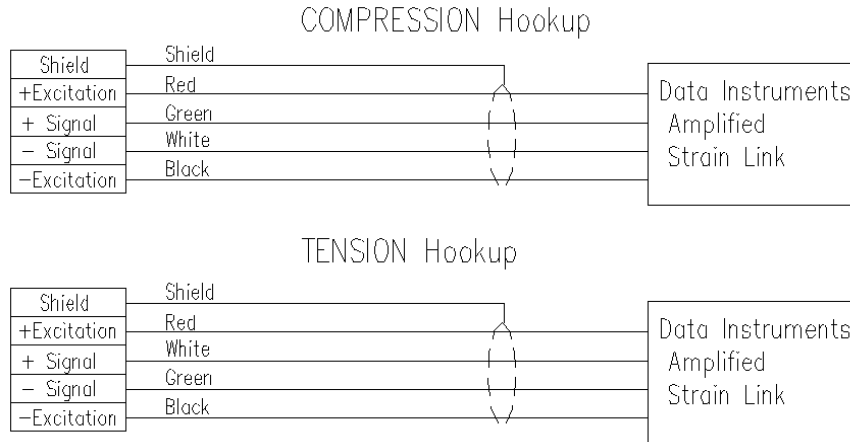|	
Shield	Shield
+Excitation	Red
+ Signal	White
− Signal	Green
−Excitation	Black

Data Instruments
Amplified
Strain Link

Figure # 1 - Data Instruments Strain Link Hookups

Data Instruments links are fundamentally different that other links since they have a built in amplifier. Since DI links operate on +5 V.D.C. excitation, the Excitation of the SA2000™ MUST be reduced to 5 Volts BEFORE the DI units are connected - Failure to do this will permanently damage the DI strain links:

This hookup is for compressive application as would be experienced on the Connections (Pitmans) of a press. For Tensive application, swap the Green and White wires.

NOTE:

Since the DI link is self-amplified, the gain switch on the SA2000™ Unit must be set to LO position on DI link inputs.