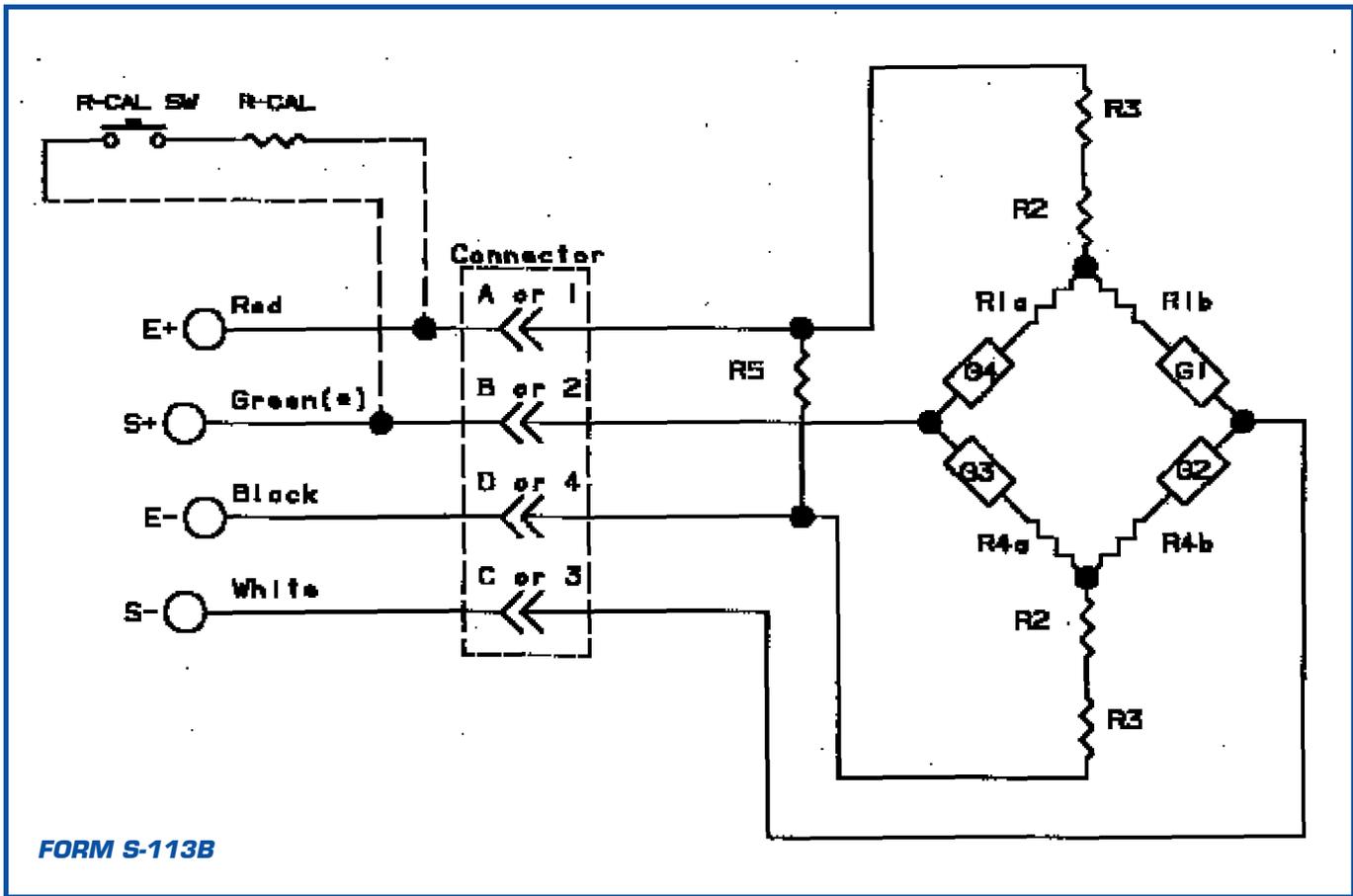


STANDARD WIRING DIAGRAMS

Standard Full Bridge Connector Pin Identification & Cable Color Code



Legend

Strain Gages:	G1, G2, G3, and G4
Excitation:	E+, and E-
Signal:	S+ and S-

Bridge Trim & Compensation Resistors when required, as follows:

Input Bridge Balance:	R1a or R1b	Temp. Compensation:	R4a or R4b
Signal Trim:	R2	Modulus Trim:	R3
Excitation Res. Trim:	R5	Shunt Resistor:	R-CAL

(Applicable notations and codes conform to Western Regional Strain Gage Committee's recommendation.)

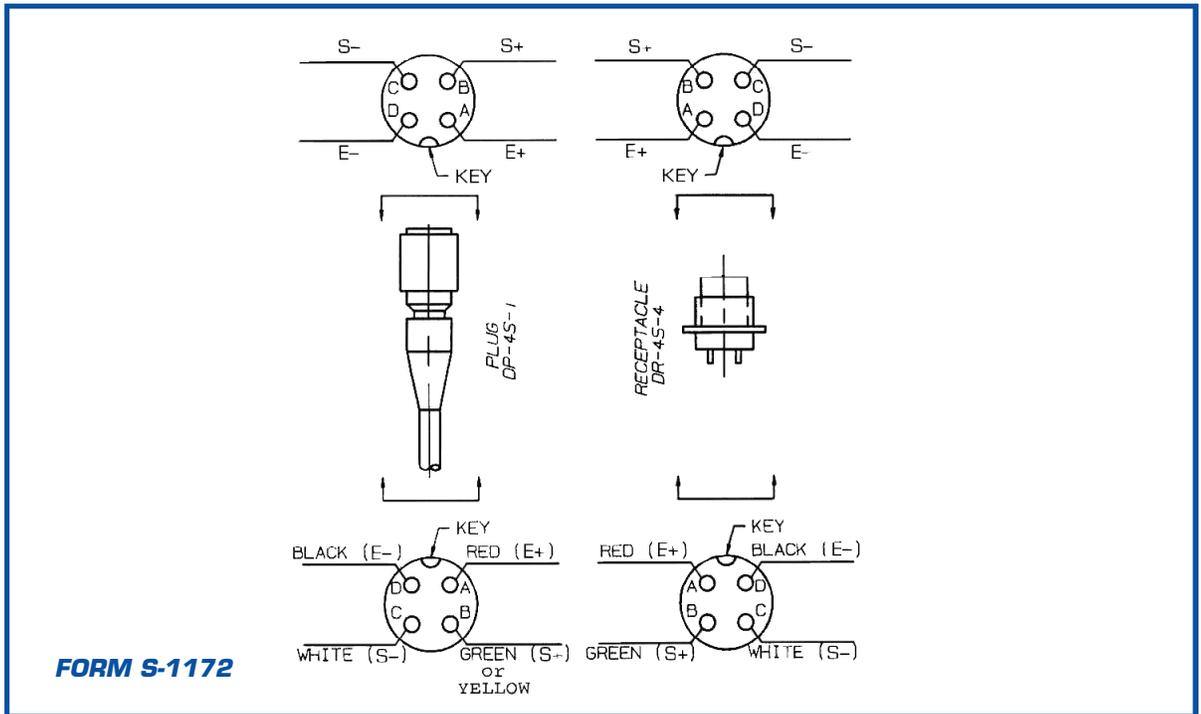
Note: Increasing tension strain in gages G1 and G3, and compression in gages G2 and G4, induces increasing signal of positive polarity.

(*) For MqT4 cable color code is yellow.

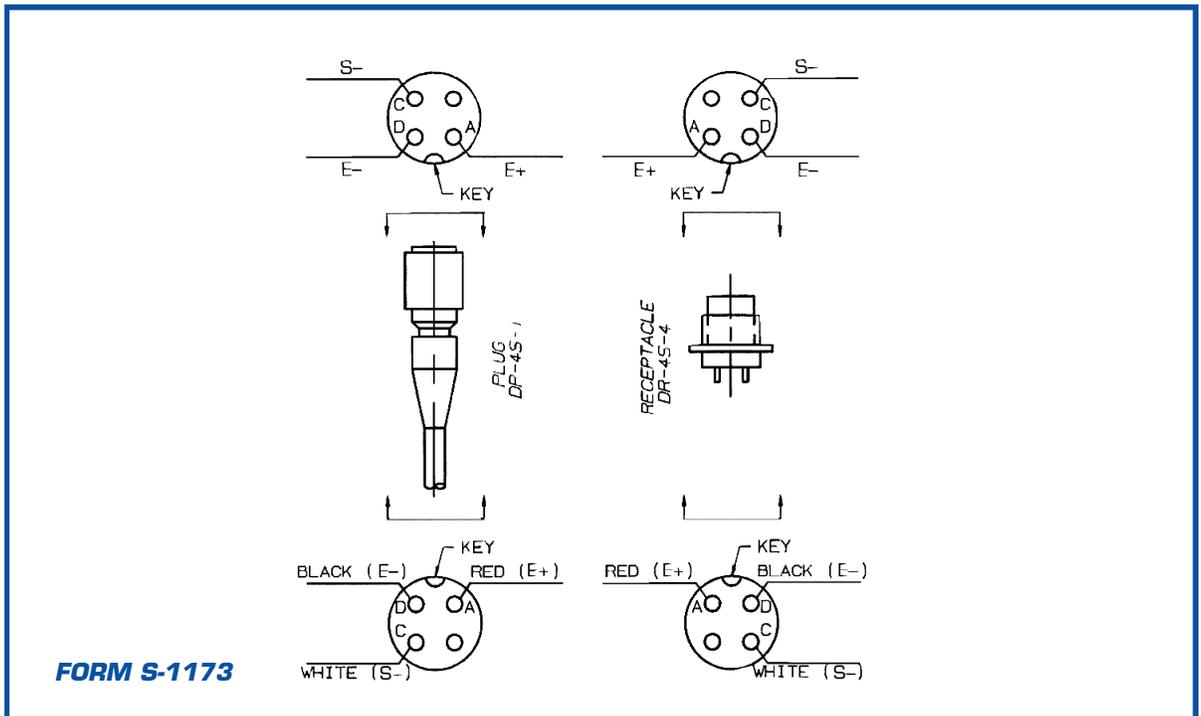


Standard Wiring Diagrams

Miniature Connector Full Bridge Wiring Diagram



Miniature Connector Quarter Bridge Wiring Diagram (3-Wire System)



Miniature Connectors do not have pin (A, B, C, D) legends. Various bridge connectors and cable color codes are referenced from Connector Key Position, as indicated herein.

Standard Wiring Diagrams

Quarter Bridge Internal Strain Gage Installation

Three Wire Lead Color Code and Connections

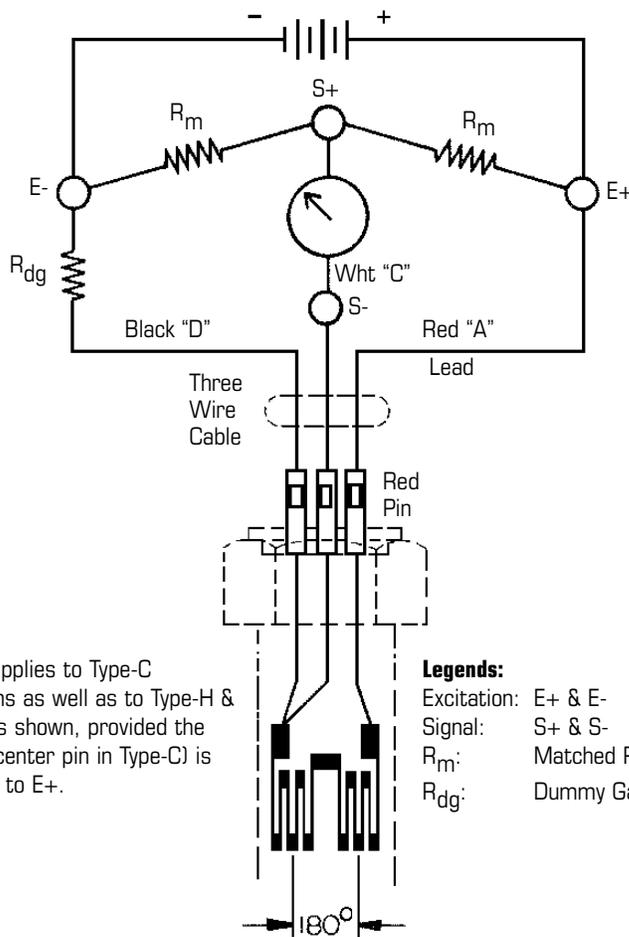


Diagram applies to Type-C installations as well as to Type-H & Type-W, as shown, provided the red lead (center pin in Type-C) is connected to E+.

- Legends:**
- Excitation: E+ & E-
 - Signal: S+ & S-
 - R_m: Matched Resistors
 - R_{dg}: Dummy Gage Resistor

FORM S-112A

Note: Increasing tension strain in gages induces an increasing signal of positive polarity.

Special strain gage with half the grid installed 180° opposite the other half minimizes stray bending effects.