

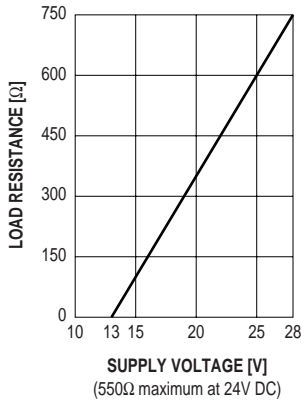


**OUTPUT: 4 – 20mA DC**

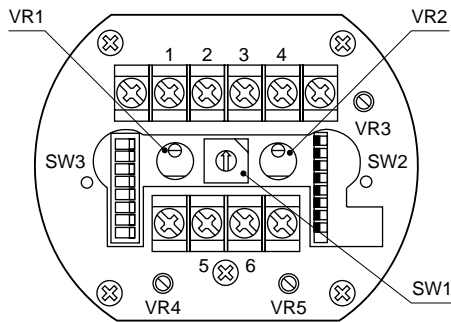
**Load resistance vs. supply voltage:**

$$\text{Load Resistance } (\Omega) = \frac{\text{Supply Voltage (V)} - 13 \text{ (V)}}{0.02 \text{ (A)}}$$

(including leadwire resistance)



**TOP VIEW DIAGRAM**



- SW1 : CJC Selector
- SW2 : Zero Bias Selector
- SW3 : Span Gain Selector
- VR1 : 0% Adjustment (fine)
- VR2 : 100% Adjustment (fine)
- VR5 : 0% Adjustment (coarse)
- VR4 : 100% Adjustment (coarse)
- VR3 : CJC Sensor Adjustment

**INSTALLATION**

**Supply voltage:** 13 – 28V DC

**Operating temperature:** -5 to +70°C (23 to 158°F)

**Operating humidity:** 30 to 90% RH (non-condensing)

**Mounting:** DIN rail with mounting plate A-31;  
surface mounting with adapter plate A-01;  
spring clip A-02 for 3-inch hub

**Dimensions:** W76×H54.5×D61 mm (2.99"×2.15"×2.40")  
See General Spec. Sheet Figure A-2.

**Weight:** 220 g (0.49 lbs)

**Terminal assignment:** See General Spec. Sheet Figure B-2.

**PERFORMANCE in percentage of span**

**Accuracy:** ±0.1%

**Cold junction compensation error**

(at 25°C ±10°C or 77°F ±18°F)

**K, E, J & T:** ±0.5°C or ±0.9°F maximum

**S, R & PR:** ±1°C or ±1.8°F maximum

**Temp. coefficient:** ±0.015%/°C (±0.008%/°F)

±0.02%/°C (±0.01%/°F) at spans ≤10mV

**Response time:** ≤0.5 seconds (0 – 90%)

**Burnout response:** ≤10 seconds

**Insulation resistance:** ≥100MΩ with 500V DC

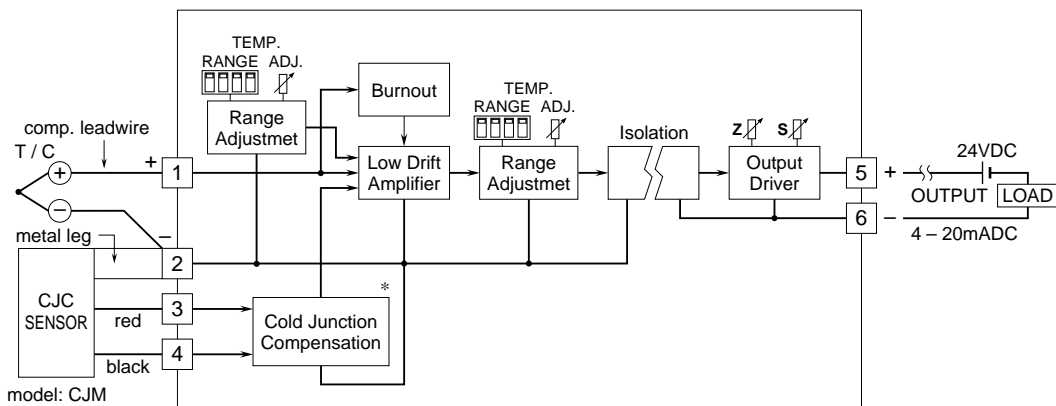
**Dielectric strength:** 500V AC @1 minute

(input to output)

1500V AC @1 minute

(input or output to ground)

**SCHEMATIC CIRCUITRY & CONNECTION DIAGRAM**



\*Deleted with B thermocouple