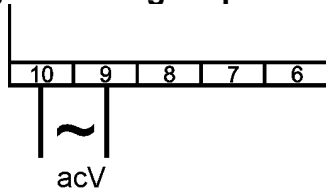
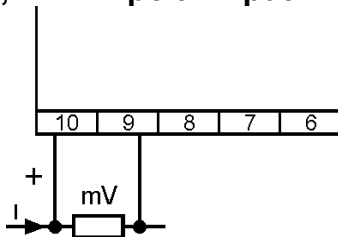


Option 05, AC Voltage Input



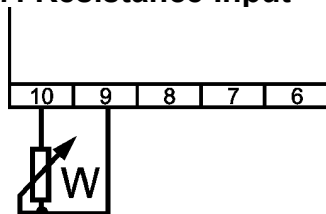
Input range: 10mV up to 500Vac
 Input impedance: 12k Ω for 10mV input
 > 1M Ω for 500V input.
 Linearity and drift error < 0.5% of range

Option 06, mV / Bipolar Input



Input range bipolar: $\pm 0.5\text{mV}$ to $\pm 2\text{kV}$
 Input range unipolar: 0-1mV up to 2kV.
 It may be more cost effective to use an alternate unipolar range for signal spans above 100mV.
 Input impedance: > 1M Ω (100M Ω optional).
 Offset up to 500% of range (int. adjustment).
 Linearity and drift error: < 0.2% of range.

OPTION 07: Resistance Input



The resistance or slide wire receives a load independent current. This current is configured for two basic ranges: 4mA or 40mA. Final adjustment is carried out by a 15-turn internal trim potentiometer to suit the resistance sensor.

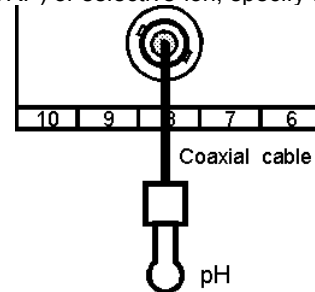
Input span: 2 Ω up to 5k Ω
 (reverse action on request)
 Combined linearity and drift error: 0.5% of input range.

OPTION 08: Customised Response

Extra filtering is added to the input circuits as specified.

OPTION 09: pH / Orp Electrode Input

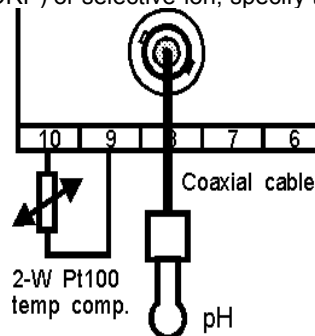
Accepts a wide variety of electrochemical sensors as input - pH, Redox (ORP) or selective-ion, specify the input range.



Input impedance: $2.5 \times 10^{10} \Omega$
 Combined linearity and drift error: 0.5% of range

OPTION 18: pH / Orp Electrode Input

Accepts a wide variety of electrochemical sensors as input - pH, Redox (ORP) or selective-ion, specify the input range.



Input impedance: $2.5 \times 10^{10} \Omega$
 Combined linearity and drift error: 0.5% of range
 Temperature compensation: 2-wire Pt100.

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