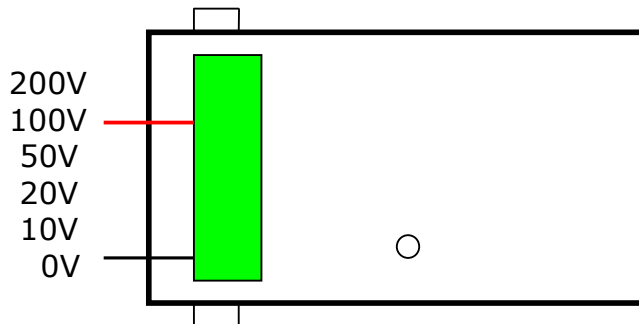


TECHNICAL DATA SHEET - DC INPUT MODULE

The DC input module provides a single isolated DC coupled input for sub.net. This may be used for monitoring non-isolated transducers, battery voltages or other positive DC signals. There are 5 ranges to make best use of the dynamic range of the instrument. The full scale inputs are :- 10V, 20V, 50V, 100V & 200V. Other ranges may be provided if required. A standard 0 – 10V transducer would use the 10V input and a 125V battery would use the 200V range. For higher voltage signals external fusing is recommended.



For direct voltage measurements the Full Scale value on the sub.net Analogue Input configuration page is set to the range being used (10V, 20V, etc.). The Nominal value is set to the battery or other voltage (48V, 125V, etc.). The Unit is 'V' and the Type is DC. For transducer measurements the Full Scale value is determined by the range of the device. For example, a temperature transducer with a scale of 50 Deg C to 10V would have a Full Scale value of 50 a Unit of 'Deg C' and a Type of DC. The device would be connected between the '10V' and '0V' terminals.

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