

## Connection- External Gain And Bias Opt 15 PD121

### NOTE

The range of the gain and bias adjustments are manufactured to the customer requirements.

If a gain range specified is 0 - 100% and the nominal input is 0-10V for 0-10mA output then;

- When the gain is set to the minimum the output range for 0-10V in will be 0-0mA. out.
- When the gain is set to the maximum the output range for 0-10V in will be 0-10mA out.

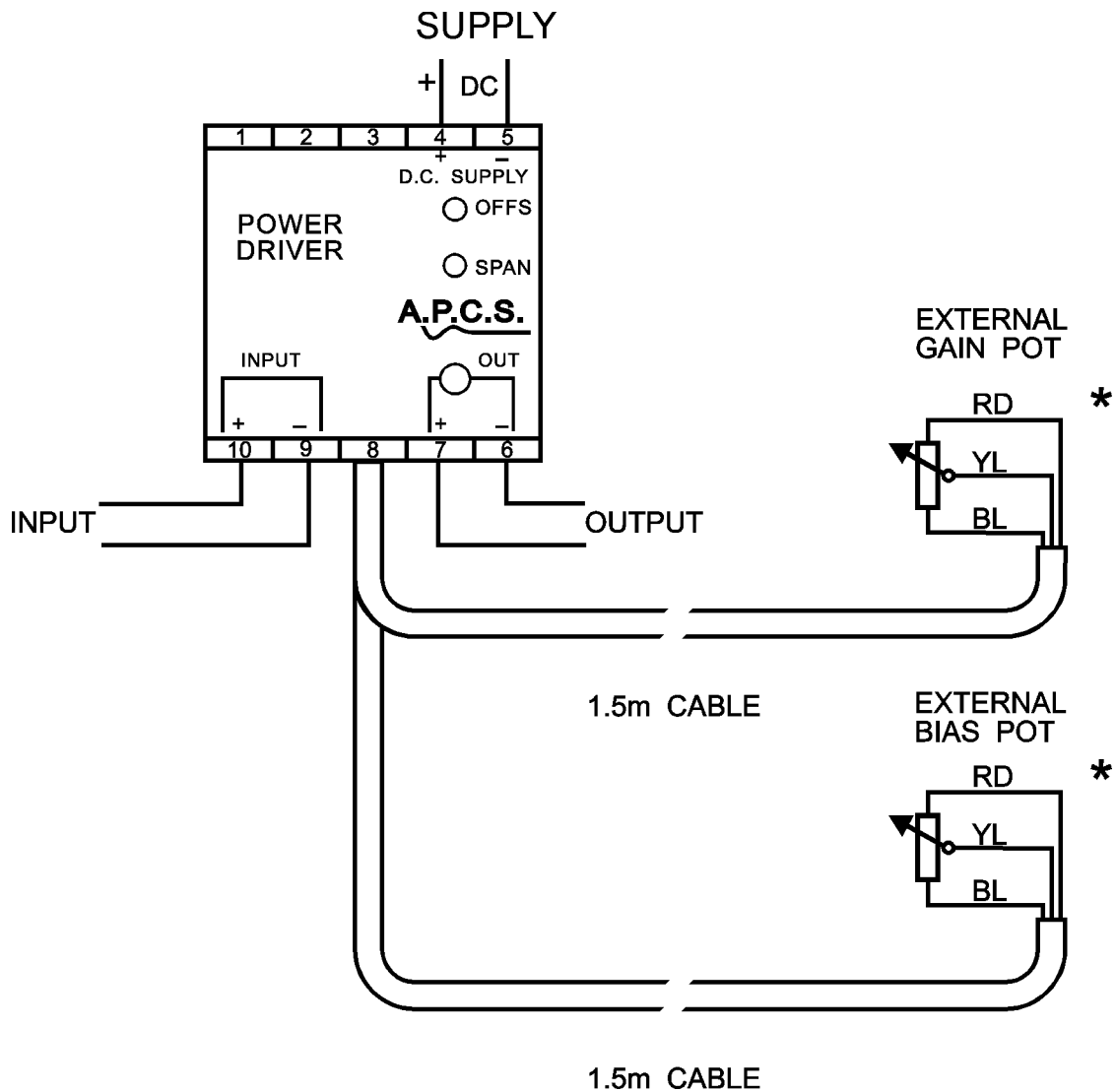
If a gain range specified is 50 - 150% and the nominal input is 0-10V for 0-10mA output then;

- When the gain is set to the minimum the output range for 0-10V in will be 0-5mA. out.
- When the gain is set to the maximum the output range for 0-6.67V in will be 0-10mA out.

The range of the bias adjustment can be 0 - 100%.

- If the gain is set at 100%, and bias is set to 10% then 1-10V input results in a 0-9mA output.
- If the gain is set at 100%, and bias is set at 50% then 5-10V input results in 0-5mA output

SINGLE TURN 5k POTENTIOMETERS ARE INCLUDED



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