



High Country Tek, Inc.

Manual Command Potentiometer

Electronic Control Solutions for the Global Fluid Power Industry



Product Information: **Part Number: 999-10205**

- Compatible with all HCT controllers that require a voltage command input
- Single turn linear potentiometer with end stop
- Outputs ~+0.5 to ~+4.5 VDC control when used with controller +5V user output
- Provides safety buffer at lower and upper control limits for alarm trigger
- Quick easy installation for set up or field control
- Low cost manual control/functionality controller operation verification



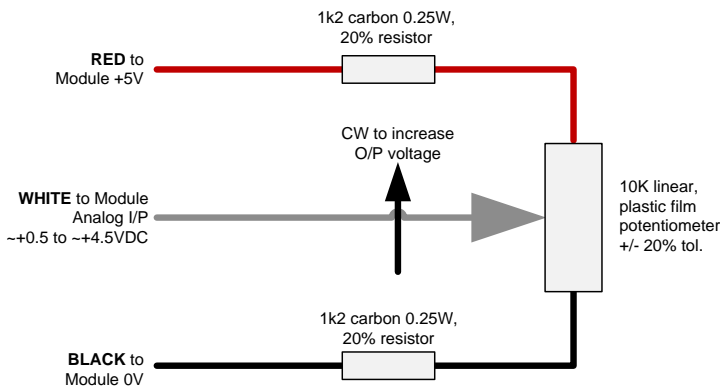
P/No: 999-10205

Specifications:

Product format:	Open potentiometer with pre-wired three core colored cable
Potentiometer Spindle:	0.25 inch - slotted and knurled
Mounting hole Diameter:	5/16" (8mm)
Potentiometer rotation:	270 degrees (max) to mechanical end stop
Potentiometer type:	Linear, plastic film
Potentiometer wattage:	0.25 watts maximum
Output current:	0.5mA max (at potentiometer wiper)

Wire length:	3 feet (~1 meter)
Wire gauge:	18 AWG
Wire colors:	Red, White & Black (stripped and tinned for user termination)

Electrical Information:



Equivalent DC electrical circuit:

Connection information:

RED - +5V stabilized supply from Module
WHITE - Potentiometer output to module analog input
BLACK - 0V (power common) from Module

Notes:-

- Use only with low level DC voltage as from the HCT controller +5V user output.
- This unit is NOT sealed and should only be applied in dry environments.
- Clockwise rotation increases output voltage when connected as shown.
- 1K2 resistors shown here are contained under glue lined heatshrink sleeving at potentiometer terminals.



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