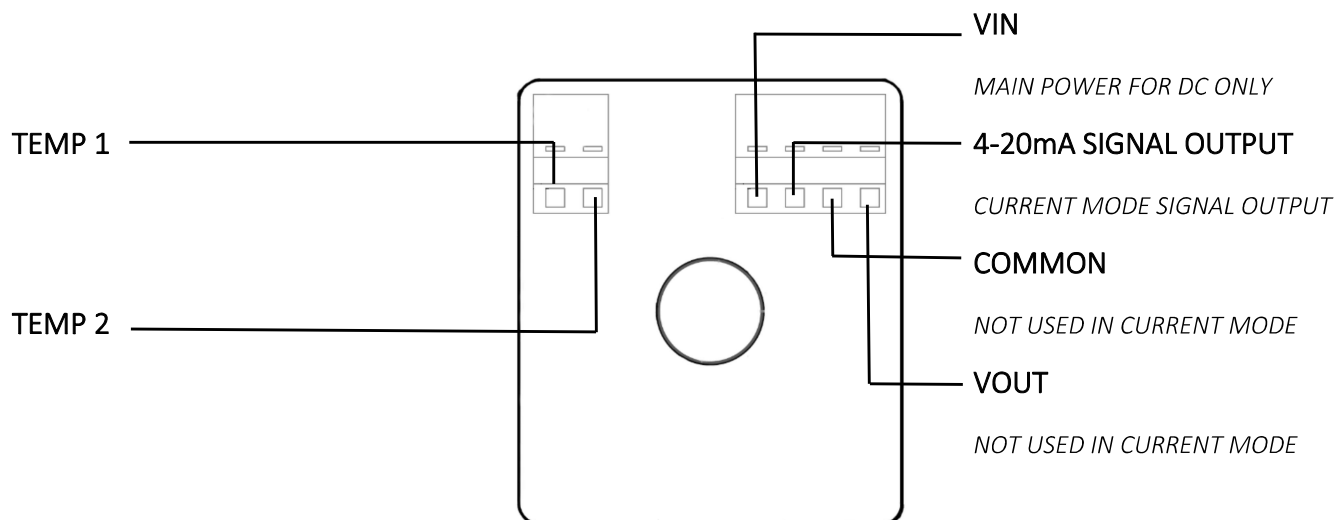


WIRING DIAGRAM



Temp Element: Interchangeable NTC thermistor, 2-wire

RTD Pt100, Pt1000, 2-wire RTD Ni1000-891, Ni1000-TC5, 2 wire

Sensor Value: NTC 10K Ohm type 2 @ 25°C / 77°F

NTC 10K Ohm type 3 @ 25°C / 77°F

NTC 20K Ohm @ 25°C / 77°F

NTC 3K Ohm @ 25°C / 77°F

RTD Pt1000 1000 Ohm @ 0°C / 32°F RTD

Pt100 100 Ohm @ 0°C / 32°F RTD

Ni1000-891 891 Ohm @ 0°C / 32°F RTD

Ni1000-TC5 1000 Ohm @ 0°C / 32°F

(Other elements on request)

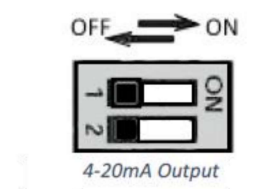
Configuration Instructions for Tasseron Humidity Sensors:

For optional passive temperature sensor, connect one wire to each quick connect terminal labeled “TEMP” (non-polar).

Instructions for 4 to 20 mA Output

Terminal	Function
TEMP	2-pole connection for optional passive temperature sensor (no polarity)
VIN	Main power – DC only
4-20mA	Current mode signal output
COM	(not used in current mode)
VOUT	(not used in current mode)

DIP Switch Configuration



Step 1 – Be sure the white Output mode DIP switches are in the proper configuration. For 4-20mA output, DIP switch #2 must be in the LEFT position. Switch #1 has no function in this mode.

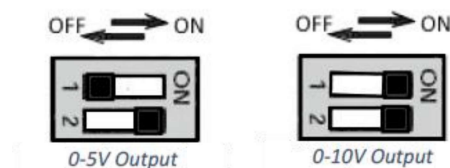
Step 2 – Terminate control wires in quick connects as indicated in the table above. Only 2 wires are needed for 4-20mA output mode; main power supply and signal output. These wires terminate at “VIN” and “4-20mA”.

Step 3 – Power on control.

Instructions for 0-5V or 0-10V Output

Terminal	Function
TEMP	2-pole connection for optional passive temperature sensor (no polarity)
VIN	Main power – AC or DC
4-20mA	(not used in voltage mode)
COM	Common
VOUT	Voltage signal output

DIP Switch Configuration



Step 1 – Be sure the white Output mode DIP switch is in the proper configuration. For 0-5V output, DIP switch #1 must be in the LEFT position and DIP switch #2 must be in the RIGHT position. For 0-10V output, both #1 and #2 DIP switches must be in the RIGHT positions.

Step 2 – Terminate control wires in quick connects as indicated in the table above. Three wires are needed for Voltage output mode; main power supply (VIN), Common (COM), and signal output (VOUT).

Step 3 – Power on control.



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