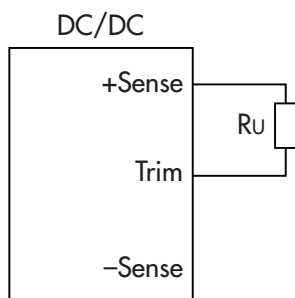


Output Voltage Adjustment

Output voltage set point adjustment allows the user to increase by 10% or decrease by 20% the output voltage set point of the module. This is accomplished by connecting an external resistor between the Trim pin and either the +Sense or –Sense pins. With an external resistor between the Trim and –Sense pin, the output voltage set point decreases. With an external resistor between the Trim and +Sense pin, the output voltage set point increases. The external TRIM resistor needs to be at least 1/8 W of rated power.

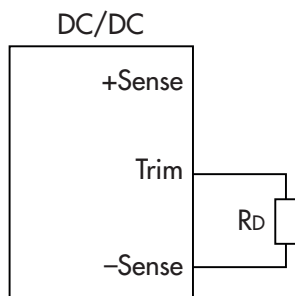
Connection of trim up resistor



Trim up equation

$$R_U[k\Omega] = \frac{V_{OUT} \times (100 + \Delta\%)}{1.225 \times \Delta\%} - \frac{100 + 2 \times \Delta\%}{\Delta\%}$$

Connection of trim down resistor



Trim down equation

$$R_D[k\Omega] = \frac{100}{\Delta\%} - 2$$