



$1\text{mV}/100\text{R} = 10\mu\text{A}$ (resolution)
 $100\text{R} * 4\text{mA} = 400\text{mV}$
 $100\text{R} * 20\text{mA} = 2\text{V}$
 Measurement range = 0.4V to 2V
 $20\text{V} / (100\text{R} + 20.3\text{R}) = 166\text{mA}$
 $0.1\text{A}^2 * 100\text{R} = 1\text{W}$

7X 4-20mA CURRENT INPUTS (10uA resolution)

