

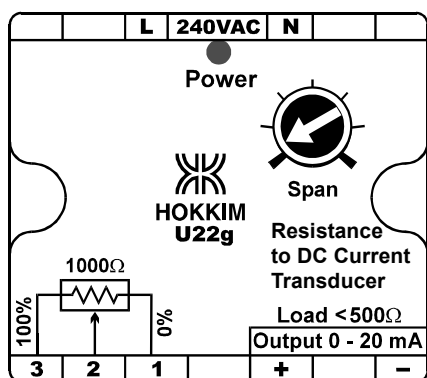
Model : **U22g**

Description : Resistance to DC Current Transducer

Utilization:

The U22g is able to transduce various input resistance ranges, that is R_{1-3} , $1000\ \Omega$ into output DC current of 0 to 20mA. As the resistance value R_{1-2} ranges from a minimum of $0\ \Omega$ to a maximum equal to R_{1-3} , the output current goes from 0 to 20 mA dc. The impedance of the current output load should be less than $500\ \Omega$.

There is a span adjustment to calibrate the output to 20mA dc when input R_{1-2} is maximum, that is equal to R_{1-3} .



Technical Data

Supply Voltage	☐ 240VAC ☐ 115VAC ☐ 24VDC ☐ 12VDC
Frequency	50~60Hz for AC Supply
Consumption	<2VA
Input Resistances	1000Ω
Output Current	0 – 20mA dc
Accuracy	±2% at full span
Output load Impedance	< 500Ω
Indication	Green LED (Power)
Dielectric Strength Between:	
Input & Supply Circuit	3 KV
Output & Supply Circuit	3 KV

