

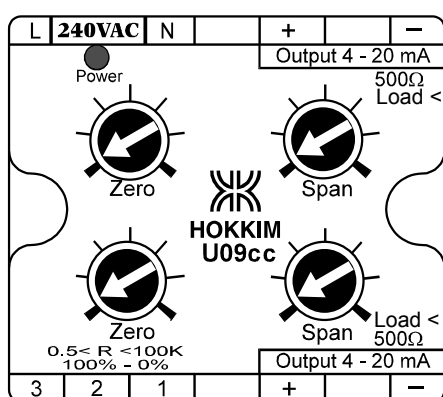
HOKKIM *giving you control* Control & Protection Relays

Model : **U09cc**
 Description : Resistance to DC Current Transducer

Utilization:

The HOKKIM U09cc is able to transduce various input resistance ranges, that is R_{1-3} , from $0.5K\Omega$ to $100K\Omega$ into output DC current 4 to 20mA. As the resistance value R_{1-2} ranges from a minimum of 0Ω to a maximum equal to R_{1-3} , the output current goes from 4 to 20 mA dc. The impedance of the current output load should be less than 500Ω .

There is a zero adjustment to calibrate the output to 4mA dc when input R_{1-2} is at 0Ω . Another span adjustment is used 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	$0.5 < R_{1-3} < 100K\Omega$
Output Current	4 – 20mA dc
Accuracy	$\pm 2\%$ at full span
Output Load Impedance	<500 Ω
Indication	Green LED (Power)
Dielectric Strength Between:	
Input & Supply Circuit	3KV
Output & Supply Circuit	3KV

