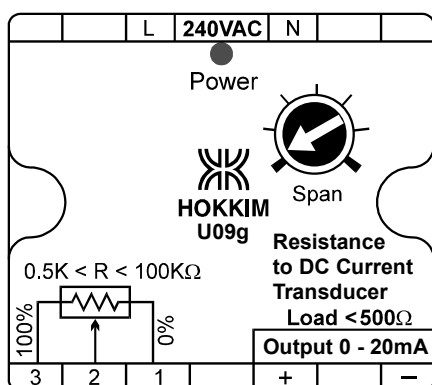


Model : **U09g**
 Description : Resistance to DC Current Transducer

Utilization:

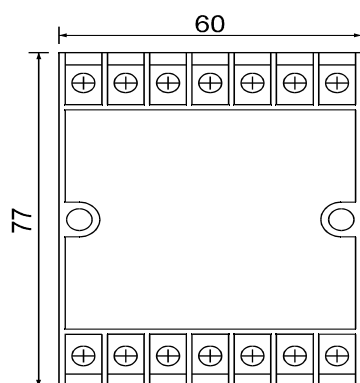
The HOKKIM U09g is able to transduce various input resistance ranges, that is R_{1-3} , from $0.5K\Omega$ to $100K\Omega$ into output DC current of 0 to 20mA. As the resistance value R_{1-2} ranges from a minimum of 0Ω to a maximum equal to R_{1-3} , the output current goes from 0 to 20mA dc. The impedance of the current output load should be less than 500Ω .

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

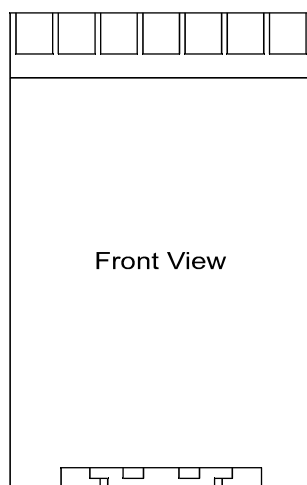


Technical Data

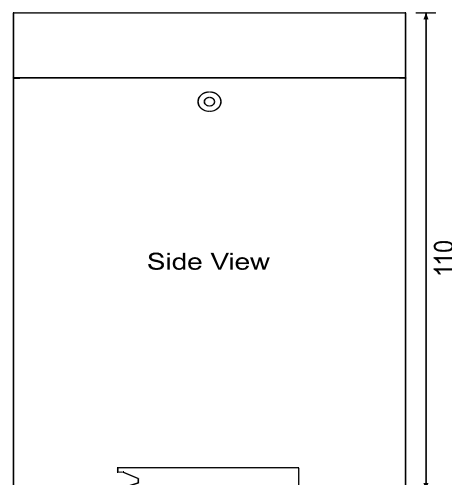
Supply Voltage	☐ 240VAC ☐ 115VAC ☐ 24VDC
Frequency	50~60Hz for AC Supply
Consumption	<2VA
Input Resistance	0.5 – 100KΩ
Output Current	0 - 20mA dc
Accuracy	±2% at full span
Output load Impedance	<500Ω
Indication	Green LED (Power)
Dielectric Strength Between:	Input & Supply Circuit
	Output & Supply Circuit
	3KV 3KV



Top View
 Dimensions in mm



Front View



Side View