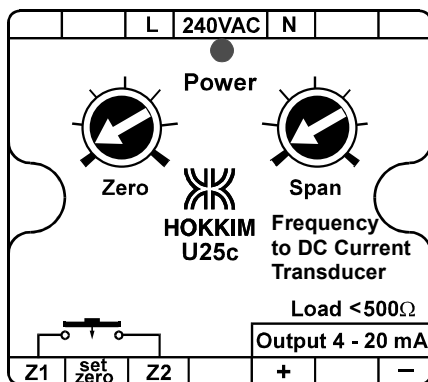


Model : **U25c**
 Description : Frequency to DC Current Transducer

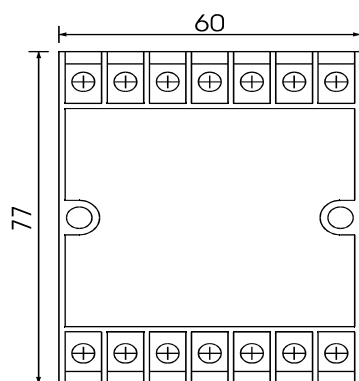
Utilization:

The **U25c** is able to transduce input frequency of 45 to 55Hz into output DC current of 4 to 20mA. The frequency is directly detected from the power supply. 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 supply frequency is at 45 Hz . Another span adjustment to calibrate the output to 20mA dc when supply frequency is at 55 Hz.

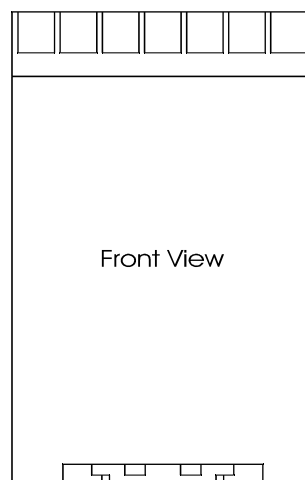


Technical Data

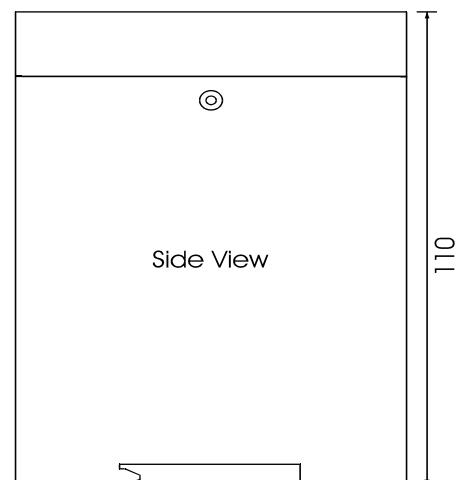
Power Supply	☐ 240VAC ☐ 115VAC ☐ 24VDC ☐ 12VDC
Frequency	50~60Hz for AC Supply
Consumption	<2VA
Input Frequency	45 - 55Hz
Output Current	4 – 20mA dc
Output Load Impedance	<500Ω
Accuracy	±2% at full span
Indication	Green LED (Power)
Dielectric Strength Between:	
Input & Supply Circuit	3KV
Output & Supply Circuit	3KV



Top View
 Dimensions in mm



Front View



Side View