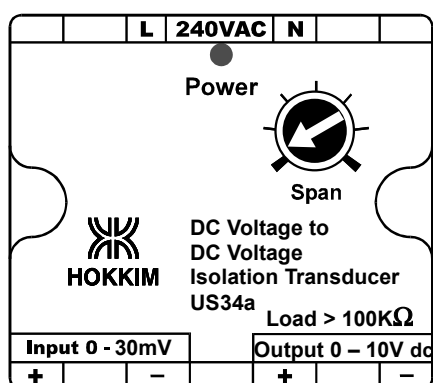


Model : **US34a**  
 Description : DC Voltage to DC Voltage Transducer

## Utilization:

The US34a is able to transduce input DC voltage of 0 to 30mV into output DC voltage 0 to 10V. The impedance of the voltage output load should be greater than 100K $\Omega$ .

There is a span adjustment to calibrate the output to 10V dc when input is maximum at 30mV. Input is isolated from the output.



## Technical Data

|                              |                                                                                                                                  |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Supply Voltage               | <input type="checkbox"/> 240VAC <input type="checkbox"/> 115VAC<br><input type="checkbox"/> 24VDC <input type="checkbox"/> 12VDC |
| Frequency                    | 50~60Hz for AC Supply                                                                                                            |
| Consumption                  | <2VA                                                                                                                             |
| Input Voltage                | 0 – 30mV dc                                                                                                                      |
| Outputs Voltage              | 0 – 10V dc                                                                                                                       |
| Accuracy                     | ±2% at full span                                                                                                                 |
| Output load Impedance        | > 100K $\Omega$                                                                                                                  |
| Indication                   | Green LED (Power)                                                                                                                |
| Dielectric Strength Between: |                                                                                                                                  |
| Input & Supply Circuit       | 3KV                                                                                                                              |
| Output & Supply Circuit      | 3KV                                                                                                                              |
| Input & Output Circuit       | 3KV                                                                                                                              |

