

## DC Current Transducer



Yokins is one of the leading manufacturer of Numerical DC Current Transducers. Our DC Voltage Transducer measures DC Current and converts it to Stable, Ripple - Free and Optically Isolated DC load independent output either in the form of DC mA or DC voltage output which is directly proportional to the measured input and also displays the reading. Our transducers are microcontroller based and can be fully customized. We can provide relay output and RS485 output along with transducer output in our transducers. These Transducers provide an output which is isolated and load independent from the input. The output can be used for PLC's, Analog / Digital Indicators, Recorders, Controllers, Data-Loggers for display, analysis or control. Our Transducers are ideal for use in Substation, Industries & building automation for Energy Management, SCADA, Telemetry for Remote, Local as well as Central Monitoring Systems.

### Sizes or models Available

DIN Rail type and Panel mounting 96x96

### DC Inputs

Milli volt Inputs through shunt 0-50mV, 0-60mV, 0-75mV, 0-100mV,  $\pm 60$ mV,  $\pm 75$ mV,  $\pm 100$ mV DC  
Or Direct Current Inputs 0-100mA, 0-500mA, 0-1A, 0-5A, 0-10A DC  
(other customized ranges can be provided on demand)

### DC Outputs

Current (mA): 0-1, 0-20, 4-20mA  
Voltage (V) : 0-5V, 0-10V  
(other customized ranges can be provided on demand)

### Display

Numerical 4 digit single line seven segment display for Input  
Numerical 4 digit single line seven segment display for Output,  
Numerical 4 digit single line seven segment display for Output & Input alternately,  
Numerical 4 digit two line seven segment display for Output & Input simultaneously  
(Shunt ratio programming can be provided for Input display)

### Accuracy

1.0% or 0.5%

**Number of Outputs**

Single output or double output

**Auxiliary Supply**

230V  $\pm$ 10% AC or 80 to 270V AC/DC

**Optional Outputs**

Relay Output or RS485 Output