

DC Watt Transducer



Yokins is one of the leading manufacturer of Numerical DC Wattage Transducers. Our DC Watt Transducer measures DC Watt 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

Current Inputs

Milli volt Inputs through shunt 0–50mV, 0-60mV, 0-75mV, 0-100mV, ± 60 mV, ± 75 mV, ± 100 mV DC
Or Direct Current Inputs 0-100mA, 0-500mA, 0-1A, 0-5A, 0-10A DC

Voltage Inputs 0-1V, 0-5V, 0-10V, 0-100V, 0-500V, 0-1000V 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