

Frequency Transducer



Yokine is one of the leading manufacturer of Numerical AC Frequency Transducers. Our AC Frequency Transducer measures Power Frequency over a specified Frequency Range and converts it to either a 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

AC Inputs

Frequency : 45-55, 45-65, 55-65 Hz

Voltage : 100-300V or 200-500V

(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

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