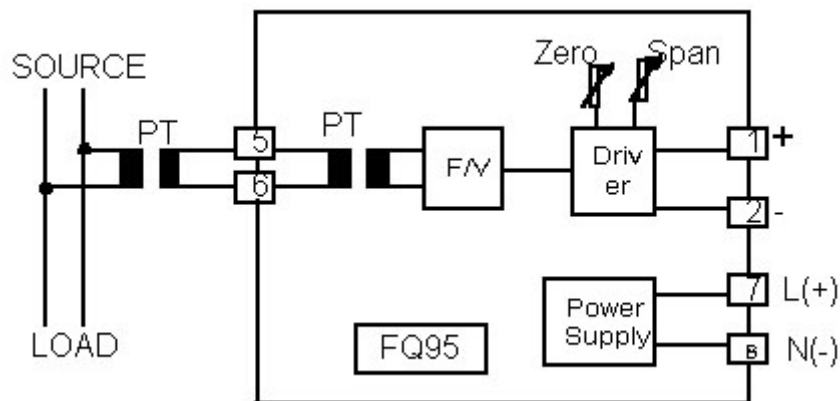


Frequency Transducer FQ95



- Input 110 VAC, 220 VAC
- Output 4-20 mA, 0-5 VDC, 0-10 VDC

Frequency Transducer FQ95 provided a precision DC output proportional to deviation from center frequency (50 or 60Hz) of AC. supply.



Specifications

Input

Number of channel: 1 Channel

Input type: Voltage

Input range: 110, 220 VAC

Frequency: 45 to 55, 55 to 65,
45 to 65 Hz

Analog Output

Number of channel: 1 Channel

Output type: Current, Voltage

Output range:

Current Max 0 to 1 mA (Load Resistance
10 K Ω)

Current Max 0 to 5 mA (Load Resistance
2 K Ω)

Current Max 0 to 10 mA (Load Resistance
1 K Ω)

Current Max 0 to 20 mA (Load Resistance
600 Ω)

Current Max 4 to 20 mA (Load Resistance
600 Ω)

Voltage Min 0 to 10 mVDC (Load Resistance
500 Ω)

Voltage Min 0 to 100 mVDC (Load Resistance
500 Ω)

Voltage Min 0 to 1 VDC (Load Resistance
500 Ω)

Voltage Min 0 to 5 VDC (Load Resistance
1 K Ω)

Voltage Min 1 to 5 VDC (Load Resistance
1 K Ω)

Voltage Min 0 to 10 VDC (Load Resistance
2 K Ω)

Linearity: < $\pm$ 0.5 % of span

Power Requirements

Power Supply: 110, 220 VAC

Environmental Limits

Operating Temperature: 0 to 55 $^{\circ}$ C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 $^{\circ}$ C

Physical Characteristics

Dimension: W50 x H70 x D130 mm.

Mounting: Wall or DIN rail

Connection: plug-in

Wiring: Screw terminals on base socket

Warranty

Warranty Period: 5 year

Ordering Information: Specify Input voltage, Input range, Power supply

Example FQ95/110 VAC/45-55 Hz/4-20 mA/220 VAC

Package Checklist

1. FQ95