



Voltage-Frequency Transmitter OC35-VF

- ✓ Voltage Input 0-1V, 0-10V
- ✓ Current Input 0/4-20mA
- ✓ Frequency Ranges 10Hz, 100Hz, 1 kHz, and 10 kHz
- ✓ For 35 mm DIN Rails
- ✓ Supply 230V AC or 24V DC

OC35-VF is an industrial transmitter converting the input voltage or the input current into a frequency range 0-10kHz. Decade dividers are jumper selectable and permit the selection of output frequencies 0-10kHz, 0-1kHz, 0-100Hz and 0-10Hz.

Customized instruments are manufactured for the required input signal and the required output frequency range.

The transmitter is supplied from 230V AC or 24V DC and is suitable for 35mm DIN rail mount.



SPECIFICATIONS

Inputs: Voltage: 0-1 VDC, 0-10 VDC.
Current: 0-20 mA, 4-20 mA
The ranges are jumper programmable.

Output: 0-10000 Hz
0-1000 Hz
0-100 Hz
0-10 Hz
The ranges are jumper programmable.

Output Type: Totem Pole with 100 Ohm serial resistance.
Signal Level: 5 V - 10mA or 12 V - 5mA selectable.
Ratio: 1:1.

Calibration: F.S and OFFSET are internally fine adjustable.

Linearity: ± 0.05 % typical.

Temp.Coeff.: 100 ppm/°C.

Ambient: Working Temperature 0 ... 50°C, max. 90% r.F. Storing Temperature -10 ... 60°C.

Supply: 230 V $\pm 10\%$, 48 ... 60 Hz. Option: 18-36VDC, 2W.

Cabinet: DIN case for 35mm rail. Dimensions: 75 x 70 x 56 mm, weight 200g.