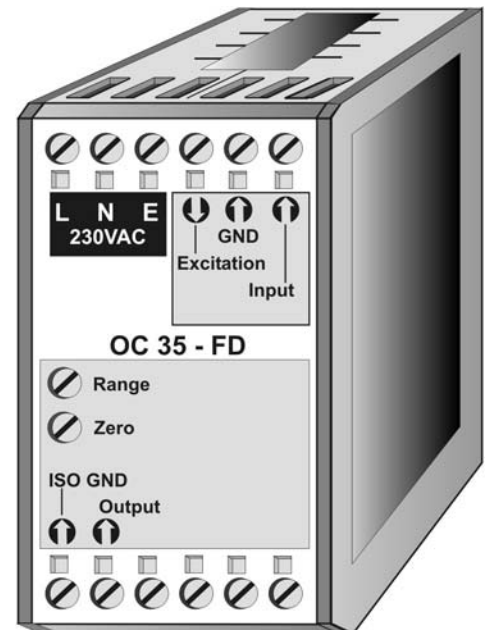


- ✓ Frequency Input 10Hz-10kHz
- ✓ Analogue Output 4-20mA isolated
- ✓ Analogue Output 0-10V isolated
- ✓ Excitation
- ✓ For 35 mm DIN Rails
- ✓ Supply 230V AC or 24V DC

Model OC35-F is a transmitter for converting of unknown frequencies between 10 Hz and 10 kHz into analogue output signals 4-20mA or 0-10V. The required frequency range is determined with jumpers inside the instrument and can be set for nearly any industrial sensor or flowmeter with an output frequency of up to 10 kHz.

Four standard frequency ranges are available. An additional range can be set with a pluggable resistor.

OC35-F is supplied with 230V AC or 24V DC and is enclosed in DIN- 35mm rail case. Excitation of 12VDC is available for supplying of external sensors.



SPECIFICATIONS

Input: Positive pulses 5V, protected to 28V.

Range: 0 - 10 kHz. Four ranges are available with jumpers inside the instrument:
Installed ranges: 0-450Hz, 0-600Hz, 0-800Hz and 0-1200Hz
Customer range: 0-50Hz ... 0-10kHz with a pluggable resistor.

Output: 0/4 - 20mA or 0 - 10V for the selected frequency range.
 The selection of 0-20mA, 4-20mA or 0-10V is inside the instrument.
 Fine adjustment of 0/4mA (0 V) and 20mA (10 V) of approx. $\pm 10\%$ is available with two potentiometers ZERO and RANGE at the instrument's front.
 The analogue output and the signal input are not isolated. Isolation 250V RMS is optionally available.

Accuracy: $\pm 0.1\%$ from range

Supply: 230V $\pm 10\%$, 48 ... 60Hz. Option: 24VDC $\pm 10\%$

Excitation: 12V-10mA for supplying of external sensors.

Cabinet: DIN-case for 35mm rails. Dimensions: 75 x 79 x 40 mm, 200g.