



- Single Phase True RMS class 0,1 High Precision Frequency Transducer, not affected by any waveform distortion
- Ranges 45-55, 55-65 or 45-65Hz
- Very fast analogue output (<50mS)

Specifications

Input Voltage:	100-120, 200-240, 380-415 or 440-460VAC, 40-70Hz
Optional Auxiliary Voltage:	18-36 or 36-160VDC
Voltage Input Range:	110, 230, 380, 400 or 500 Other range on request
Frequency scale:	45-55, 55-65 or 45-65Hz
Analogue Output:	0/10, 0/20, -10/0/+10, -20/0/+20, 4-20, 4-12-20 max 500R or 0/10, -10/0/10V min 10kohm
Temperature:	-20 to +70°C
Weight:	0.6kgs
Front protection:	IP54 (IP65 optional)

Description

MPFE-C0,1 is to be used in system that requires very fast response and precision monitoring of frequency. Ideal for regulation and control system that controls the frequency on generators, motors and inverters.

The MPFE is a high precision frequency measuring transducer for AC voltage input. The unit has ONE very fast response (typical 30-45mS) analogue output signal, proportional to the measured frequency level.

Note that the instrument needle is a class 1,5 moving coil.

The analogue output is isolated from voltage inputs and auxiliary power.

The unit meets IEC60092-504 and the relevant environmental and EMC tests specified in IEC60068/60092 and IEC61000/60533 respectively, to comply with the requirements of the major Classification Societies.

