



- Single Phase Frequency Transducer
- Precision true RMS class 0,2 measurement, not affected by any waveform distortion
- Ranges 45-55Hz, 55-65Hz or 45-65Hz
- Very fast analogue output (<50mS)

Specifications

Auxiliary Voltage:	100-120, 200-240, 380-415 or 440-460VAC, 40-70Hz (Fuse 0,5A)
Optional Auxiliary Voltage:	24, 48 or 110VDC (Fuse 2A)
Voltage Input Range:	110-120, 200-240, 380-415 or 440-460VAC (other range on request)
Frequency scale:	45-55Hz, 55-65Hz or 45-65Hz
Supply tolerance:	± 10%
Power rating:	1,5VA
Analogue outputs:	Up to 20mA, max 500ohm (other on request)
Accuracy:	0,2%
Temperature:	-20 to +70°C
Weight:	0.64kgs
Front protection:	IP52 (IP65 optional)

Description

MPFE-C0,2 is to be used in system that requires fast response and monitoring of frequency. Ideal for regulation and control system that controls the frequency on generators, motors and inverters.

The MPFE-C0,2 is a frequency measuring transducer for AC voltage input.

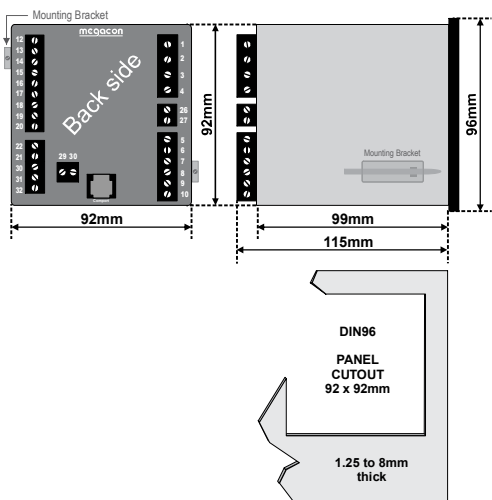
The unit has a very fast response analogue output signal, proportional to the measured frequency level.

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

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

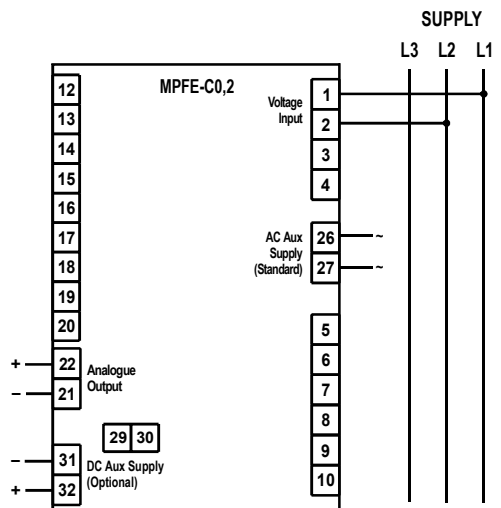
A green "Supply On" LED indicates the auxiliary supply presence.

Dimensions



A wide range of analogue outputs are available (one output only at a time):

mA	V
0-10mA	0-10V
0-20mA	0,2-10V
4-20mA	
4,3-20mA	



The unit meets EN 61010-1 Cat. III, Pollution degree 2 and the relevant environmental and EMC tests specified in EN 61326-2-4 to comply with the requirements of the major Classification Societies.

The MEGAICON policy is one of continuous improvement, consequently equipment supplied may vary in detail from this publication.

ORDERING EXAMPLE:
 Type: MPFE-C0,2
 Aux. Supply: 200-240VAC
 Input Voltage: 230V
 Range: 45-55Hz
 Analogue O/P: 4-20mA

