FREQUENCY TRANSDUCER — MODEL FT-

DESCRIPTION

- Provides analog output which is proportional to the frequency of the input source.

APPLICATIONS

- For use on any application that requires indication of or recording of instantaneous frequency.

5 YEAR WARRANTY

MODEL SELECTION

INPUT FREQUENCY (Hz)	STANDARD OUTPUTS MODEL FT-				
	0-1mAdc	0-10Vdc	0-5Vdc	4-20mAdc	0-20mAdc
45-55	050B	050D	050X5	050E	050EA
55-65	060B	060D	060X5	060E	060EA
375-425	400B	400D	400X5	400E	400EA

All models are self-powered from measured line.
Optional 230Vac Input - Add suffix "-22"

ORDERING INFORMATION

Example: 55-65Hz Input with 0-5Vdc Output.
FT-060X5

SPECIFICATIONS

INPUT

Frequency Range ..... See Table
Voltage Range ..... Standard 95-135Vac
"-22" Option 190-270Vac
Overload ..... Standard 150Vac
"-22" Option 300Vac
Burden 4.0VA

OUTPUT

Loading
"B" models ..... (0-1mAdc) 0-10kΩ
"D", "X5" models ..... (0-10, 0-5Vdc) ..... 2kΩ min.
"E", "EA" models ..... (4-20, 0-20mAdc) 0-500Ω
Response Time 400ms

INSTRUMENT POWER

Standard ..... Self-powered

DIELECTRIC TEST

Input/Output/Case 1500Vac

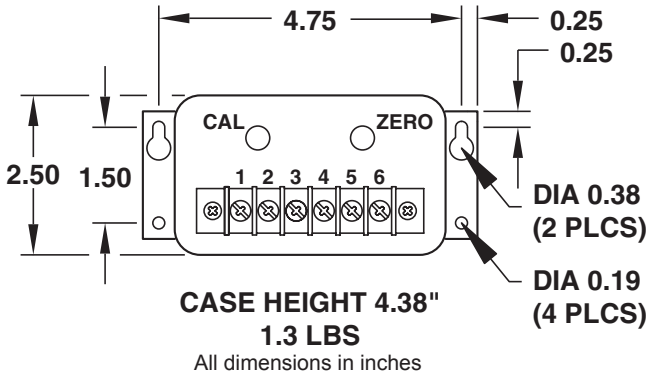
ACCURACY

50Hz, 60Hz Models ..... ±0.05Hz
400Hz Model ..... ±0.2Hz
Output Ripple ..... ±1.0% F.S.

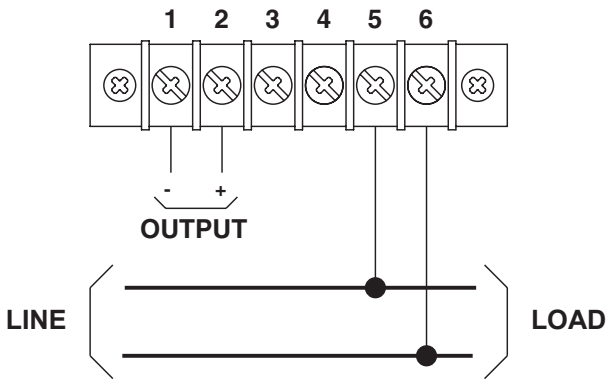
TEMPERATURE

Operating Range ..... -20ºC to 60ºC
Temperature Effect ..... ±0.005%/ºC

CASE DIMENSIONS AND CONNECTION DIAGRAM



CASE HEIGHT 4.38"
1.3 LBS
All dimensions in inches



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