



FREQUENCY TRANSDUCER

MODEL FT

FOR USE ON POWER FREQUENCY APPLICATIONS

FEATURES

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

APPLICATIONS

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

INPUT FREQUENCY (Hz)	STANDARD OUTPUTS MODEL FT-				
	0 - 1mA	0 - 10Vdc	0 - 5Vdc	4 - 20mA	0 - 20mA
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.
ADDITIONAL FREQUENCY AND VOLTAGE RANGES AVAILABLE - CONSULT FACTORY

ORDERING INFORMATION

Example: 55 - 65 Hz. input, with
0 - 5Vdc output
FT - 060X5

MODEL FT SPECIFICATIONS

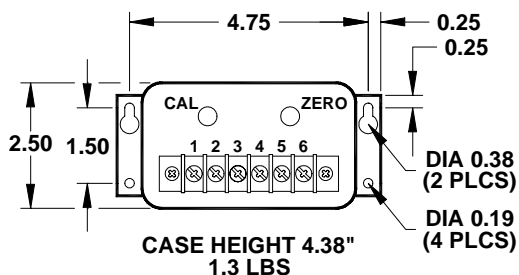
INPUT

FREQUENCY RANGE: See table
VOLTAGE RANGE: 95 - 135V
BURDEN : 4.0VA
OVERLOAD: 150V
DIELECTRIC TEST (Input/Output/Case): 1500Vac

OUTPUT

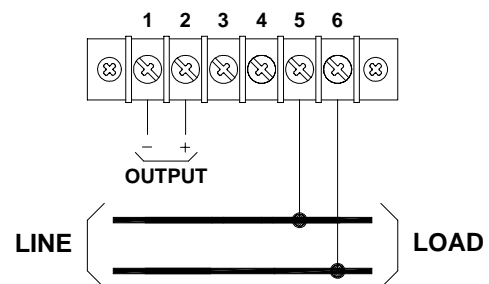
ACCURACY:
50 Hz., 60 Hz. models: ± 0.05 Hz.
400 Hz. model: ± 0.2 Hz.
OUTPUT LOADING (ohms):
0 - 1 mA: 0 - 10K
0 - 10Vdc, 0 - 5Vdc: 2K min.
4 - 20mA, 0 - 20mA: 0 - 500
OUTPUT RIPPLE: $\pm 1.0\%$ F.S.
RESPONSE TIME: 400 milliseconds
TEMP. EFFECT (-20°C to +60°C): $\pm 0.005\%/^{\circ}\text{C}$

CASE DIMENSIONS



All dimensions in inches.

CONNECTION DIAGRAM



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