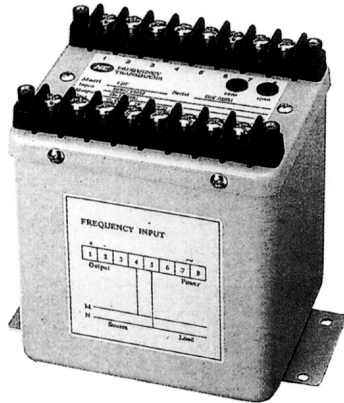
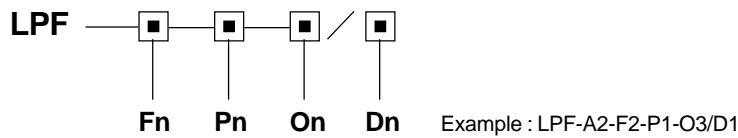


FREQUENCY TRANSDUCER



- ⊙ High accuracy 0.01% of named frequency
- ⊙ Excellent long term stability
- ⊙ Wide selection of output ranges
- ⊙ Outstanding temperature performance

Order form



Input & Output parameters

Fn : Frequency input	Fn range	F1	F2	F3	Fy	On : Output		
		50 Hz	60 Hz	400 Hz	Specified	O1	O2	O3
Pn : Auxiliary power	Pn rating range	P1	P2	P3	Py	O4	O5	O6
		AC120 V 120 V ± 15%	AC240 V 240 V ± 15%	Internal Powered		Specified	0-1 mA	0-20 mA
Dn : Band	Bn range	B1	B2	B3		O7	Oy	
		±0.5 Hz	±1 Hz	±2 Hz		Specified	0-1 V	0-5 V
		B4	B5					
		±5 Hz	±10 Hz					

Py : DC24 / 48 / 125 V ±15% or other range under specified
Voltage input range : 30 - 600 Vac

Note

- External power mode suitably for all output types
Internal power mode, only suitably for 0-1mA / 0-20mA / 0-1V / 0-5V / 0-10V output

Specification

Accuracy (23°±3°C)	0.01% of named frequency
Maximum output load	DC current mode : maximum 10V drop DC voltage mode : maximum 5mA drive
Dielectric strength	AC 2KV 1 minute / terminals; AC 2.6KV 1 minute / terminals to case
Surge and impulse test	ANSI C37.90 / 1989, IEEE-587, 1983
Input burden	Current less 0.2 VA; voltage less 0.1 VA
Response time & ripple	≤ 400 ms for step change 0-99% ripple less 0.5% ro peak to peak
Frequency	50 Hz; 60 Hz; 400 Hz
Waveform	Watt - 20% 3rd, Var - sinusoidal
Stability	Temperature range (-20 to +65°C) long term stability / year Maximum 60 ppm / °C less 0.1% draft / year typically
Storage condition	Temperature range -25 to 70°C, RH 20 to 95% non condensed
Operating condition	Temperature range -20 to 65°C, RH 0 to 99% non condensed
Magnetic field effect	< 0.01% under 100 ampere turns at 1M center
Power dissipation	Maximum 3.5 VA

Terminal Connection

