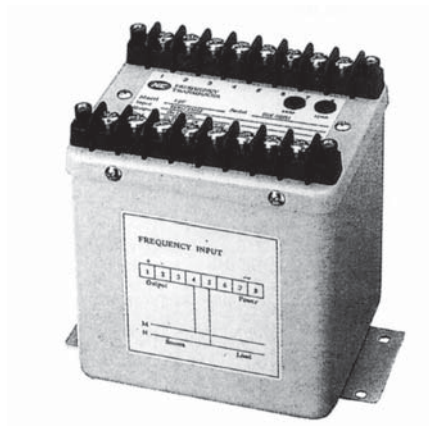


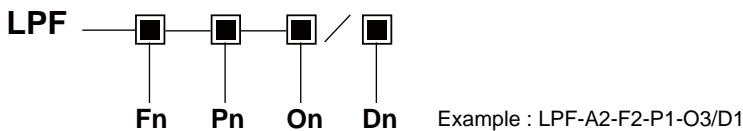
FREQUENCY TRANSDUCER

LPF



- ⊙ 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 Specified	On : Output		
		50 Hz	60 Hz	400 Hz		O1	O2	O3
Pn : Auxiliary power	Pn rating range	P1	P2	P3	Py Specified	O1	O2	O3
		AC120 V 120 V ± 15%	AC240 V 240 V ± 15%	Internal Powered		0-1 mA	0-20 mA	4-20 mA
Dn : Band	Bn range	B1	B2	B3		O4	O5	O6
		±0.5 Hz	±1 Hz	±2 Hz		0-1 V	0-5 V	0-10 V
		B4	B5			O7	Oy	
		±5 Hz	±10 Hz			2-10 V	Specified	

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

Note

1. 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



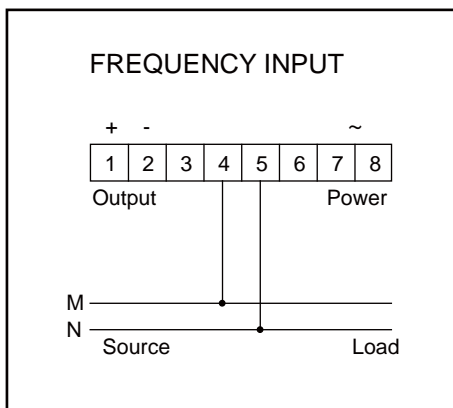
HSIANG CHENG ELECTRIC CORP.

4F., No.11, Ln. 235, Baoqiao Rd., Xindian Dist., New Taipei City 231, Taiwan
 TEL : 886-2-2917-5865~9 E-mail : expo.sales@hc.com.tw
 FAX : 886-2-2917-3946 http://www.hc.com.tw

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, IEC 255-3 (1989) 4KV 1.2 x 50us
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
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



DC power option for terminal 7 (+) , 8 (-)

Dimension

