

MICROPROCESS FREQUENCY ISOLATED TRANSMITTER

MODEL
TMF



(FEATURES)

- Accuracy 0.03% F.S.
- Input range from 0.01 Hz to 80KHz
- 15bit DAC isolating analog output
- Dielectric strength 2KVac/1min. (input/output/power)
- Wide input range for auxiliary power
- Dimension small and High stability

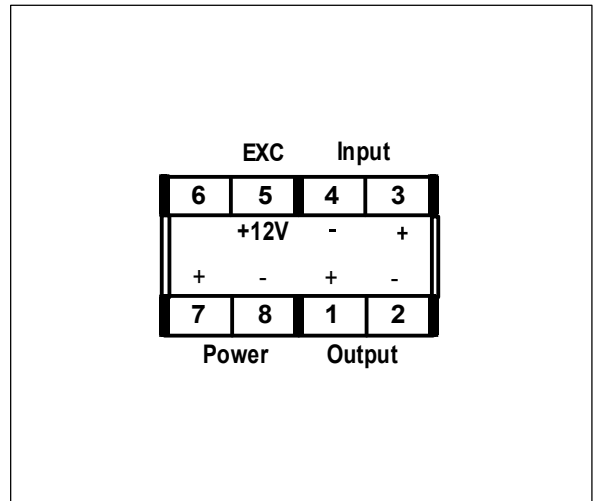
1:MODEL:TMF-() () ()

NO	Input Type	NO	Input Type	NO	Input Type	NO	Output Range	NO	Output Range	NO	Output Range	NO	Aux. Power
1	Dry contact	5	Magnetic pick-up (AC50mV-1.5V)	7	AC2-60V	A	DC0-50mV	E	DC2-10V	I	DC4-20mA	A	AC/DC 18-60V
2	Pulse(TTL)(5V)			9	SPECIFIED	B	DC0-1V	F	DC0-1mA	R	SPECIFIED	B	AC/DC 90-260V
3	Pulse(NPN)(12V)	6	Magnetic pick-up (AC500mV-15V)			C	DC1-5V	G	DC0-10mA				# Less 3VA for AC/DC input
4	Pulse(PNP)(12V)					D	DC0-10V	H	DC0-20mA				

2.SPECIFICATION

- # Measuring accuracy : 0.03% F.S. (23±5°C)
- # Count input type : Switch selectable current sourcing(NPN) or current sinking (PNP)
- # Count input trigger levels : HI bias (CMOS) (V_{IH}=7.5V, V_{IL}=5.5V)
LO bias (TTL) (V_{IH}=3.7V, V_{IL}=2.0V)
- # Sampling time : 20 cycles/sec. (>10Hz)
f/2 cycles/sec. (<10Hz)
- # Analog output resolution : 15 bit DAC
- # Response time : < 250 ms (0-90%)(>10Hz)
- # Output drive capability : < 10mA for voltage mode
< 10V for current mode
- # Output ripple (p-p) : < 0.1% F.S.
- # Zero (offset) range : 0-±9999 Digit adjustable
- # Span (scale) range : 0-±9999 Digit adjustable
- # Sensor power supply : 12VDC±0.3% (<50mA)
- # Temp. coefficient : 50ppm/°C(0-50°C)
- # Display : Red high efficiency LEDs high 10.16mm (0.4")
- # Isolation : Input/Output/Power/Case
- # Parameter setting : Touch switches
- # Memory mode : Non-volatile E² PROM memory
- # Insulation Resistance : >100M ohm with 500V DC
- # Dielectric strength : 2KVac/1 min. (input/output/power)
1600Vdc (input/output)
- # Operating condition : 0-50°C(20 to 90% RH non-condensed)
- # Storage condition : 0-70°C(20 to 90% RH non-condensed)
- # Construction : Socket/plugin type with barrier terminals

3.Terminal conection



4.Dimension(unit:mm)

