



Item Number	Description	Price
6140-032	ACT-3/230 Panel Tachometer/Totalizer	\$850

Features

Universal Input, non-contact operation from optical, infrared, laser, proximity, and magnetic sensors or direct TTL and 200mV to 50 Vac signals.

Single event speed capture from start and stop pulses, in units such as MPH, cm/sec, etc. Using one sensor - rotational, loop or reciprocating motion. Using two sensors - linear travel.

Front panel programmable

May be used as a Tachometer, Rate Meter, Counter, and Totalizer

Minimum and maximum memory recall

RS232 bi-directional interface

N.I.S.T. Traceable Certificate of Calibration

Specifications

Tachometer Speed Range: 5 - 999,990 RPM (speeds below 5 RPM possible with multiple pulses per revolution)

Tachometer Resolution:	Range (RPM)	Resolution (autoranging mode)	Accuracy ($\pm 0.0015\%$) of reading
	5.000 - 9.9999	0.0001	
	10.000 - 99.999	0.001	
	100.00 - 999.99	0.01	
	1000.0 - 9999.9	0.1	
	10,000 - 99,999	1	
	100,000 - 499,999	10	
	500,000 - 999,990	10	



Tachometer Input Signals: 0 - 5 V TTL or 1.1 - 50 Vac

Input Configuration: 1 or multiple pulses per revolution (front panel push button programmable)

Tachometer Alarm Output: Form C relay contacts, rated 1A at 115 Vac

Tachometer Alarm Capability: Two alarm set points each, front panel programmable as either high or low, latching or non-latching. Hysteresis and low limit lockout are programmable.

Analog Outputs: Voltage Output 0-5 Vdc & Current Output 4-20 mA.

Output Update Rate: Standard up to 25 times/second. Programmable up to 233 times/second.

Pulse Repeater Output (PO): Pulse Output 0-5V TTL compatible. Pulses out per revolution equal pulses in per revolution.

Scale Factor: 0.0001 - 9999.9

Totalize/Count: 1 - 99,999

Display: Fixed or floating decimal point, 5 digits, 14 mm high, red LED

Display Update: 2x per second above 120 RPM

Dimensions: 1/8 DIN by 178 mm deep

Power: 115/220/230/240 Vac, 50/60 Hz. 12 or 24 Vdc (User Must Specify)

(Tachometer provides 5 - 8 Vdc power to sensors)