



STI Vibration Monitoring Inc.

## Vibration Monitoring and Machine Protection Systems

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Condition Monitoring Custom Products

# CMCP TACH3 Programmable Digital Tachometer

### Features

- 5-999,999 RPM Range
- 1 or Multiple pulses per revolution
- 4-20 mA Output
- Alarm Output
- 0.56" H, Seven Segment LED
- High & Low RPM Recall
- Eddy Current Probe Input



### Description

The CMCP TACH3 digital tachometer is designed for a variety of user applications.

The TACH3 is front panel programmable for single or multiple pulses per revolution and scaling. It may be used as Tachometer, Ratemeter, Counter, or a Totalizer. The CMCP TACH3 offers a fixed or floating decimal point and can be supplied with Remote Optical, Infrared, Laser, Proximity, and Magnetic Sensors. It is directly compatible with a TTL input and a 200mV to 50 Vac signal.

The TACH3 has front panel programmable set points, analog voltage and current, TTL and RS232 outputs. The TACH3 is modified to accept a -24 Vdc Eddy Current Probe input. The TACH3 offers more standard features than any other tachometer available.

### Enclosures

CMCP will integrate the CMCP TACH3 tachometer into NEMA4, NEMA4X, or Explosion Proof enclosures. Contact your sales representative for details.

<b>Display</b>	0.56" H, Seven Segment Red LED	<b>Power</b>	115 and 230 Vac
<b>Display Update</b>	0.5 Second above 120 RPM	<b>Pulse per Revolution</b>	1 or Multiple
<b>Cutout Size</b>	1.74" X 3.58" (44mm X 91mm)	<b>Alarms</b>	Two Alarms, Programmable
<b>Programmable</b>	Yes	<b>Alarm Contacts</b>	Form C relay contacts rated 1A at 115 Vac
<b>Range</b>	5 - 999,999 RPM	<b>Analog Outputs</b>	Simultaneous 4-20 mA & 0-5 Vdc
<b>Size</b>	1/8 DIN X 7"	<b>Max RPM &amp; Min RPM Recall</b>	
<b>Accuracy</b>	0.001%	<b>Standard Inputs</b>	Magnetic, Proximity, Optical, Laser and Infrared
		<b>Eddy Probe Input</b>	Optional

### Ordering Information:

<b>CMCPTACH3</b>	<b>-XX</b>	<b>-XX</b>	<b>-XX</b>	<b>Programmable Tachometer</b>
	-AC			100-240 VAC Power Input
	-DC			24 VDC Power Input
		-00		Standard Inputs
		-EP		Eddy Current Probe Input
			-00	No Programming Cable
			-01	With USB Programming Cable and Software