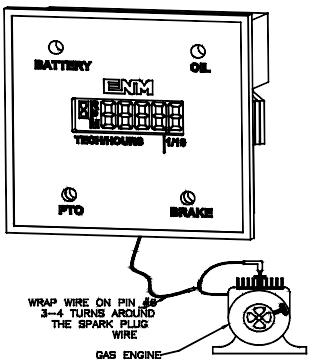
Counting Instruments

Technical Data **687**

Digital Tach/Hour Meter, **Series T17**



TACH/HOUR METER CONNECTION

T17 Series

ENM's series T17 is a new meter design combining Tach/Hour meter and 4 bright engine monitoring LED function. The result is true engine RPM and running time for all types of gasoline engines all in one.

The operation of the Tach/Hour meter is triggered by an external wire lead, wrapped around the spark plug wire of the engine. Since the unit is triggered by the spark of the engine, the hours and the RPM display actual operation. This is useful for maintenance and warranty applications for any type of engine-powered machinery.

The RPM is displayed when the engine is running. Hour usage is displayed when the engine is off and remains visible. With solid state technology, the T17 series is built with a custom chip and solid construction for maximum durability in harsh environments and rugged application.

Features

- Solid State Electronics
- Quartz Crystal
- High shock and vibration specs.
- Wide operating Temperature
- High reliability
- Indicates Operation in RPMs and Hours
- 1, 2, 4, Cycle Engine or Hour Meter Only
- IP65 Enclosure rating (Face only)
- ISO 9001 Certified
- **Made in the U.S.A.**

Specifications

Display Reading:	9999.9 Hours meter
RPM Capacity:	01 = 13,000 RPM 02 = 24,000 RPM 03 = 48,000 RPM
Character Height:	Large 6mm digits
Sampling Time:	1-second (approximately)
RPM Resolution:	10 RPM
Operating Battery Life:	12-year Internal Lithium Battery Without external power
Operating Temperature:	Standard -30°C to +85°C
Vibration Resistance:	Withstands 10 to 75 Hz. at 1 to 8 G's
Mounting Configuation:	Snap in Panel Mount

2008 ENM Co.®

Counting Instruments

ENM Company
5617 Northwest Highway, Chicago, IL 60646-6135
(773) 775-8400 • Fax: (773) 775-5968
Toll Free (888) 372-0465 • e-mail: customerservice@enmco.com
web site: www.enmco.com

© ENM Co.

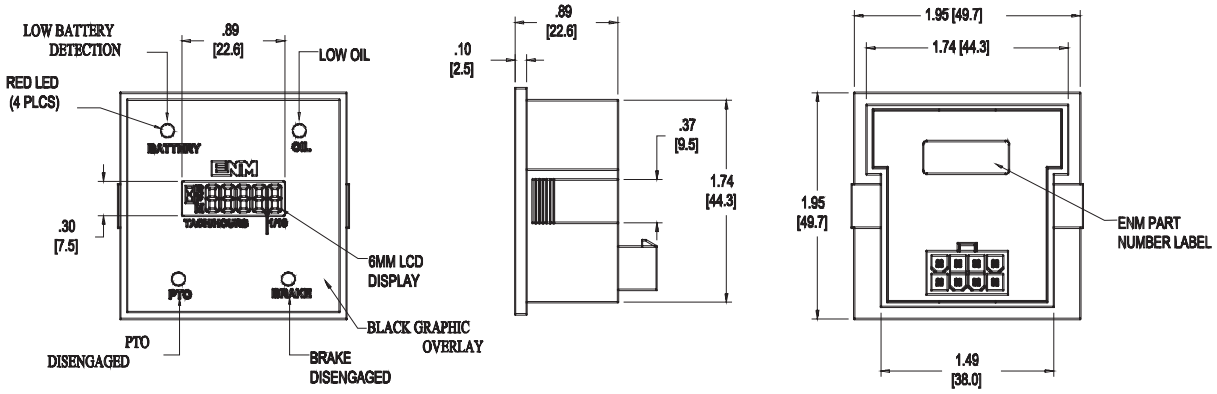
Counting Instruments

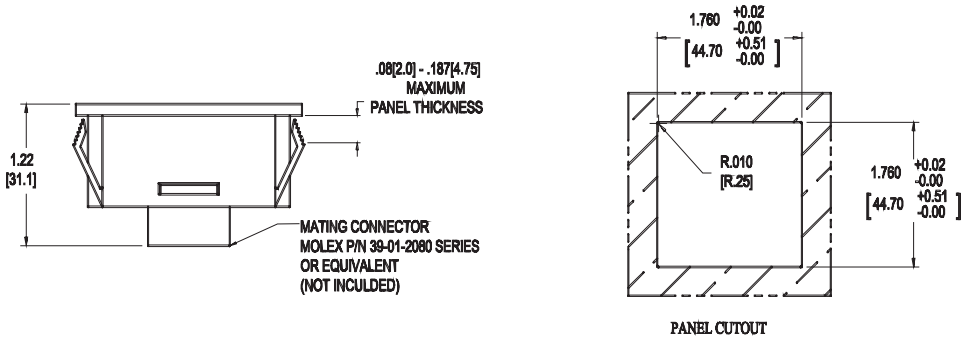
SERIES T17

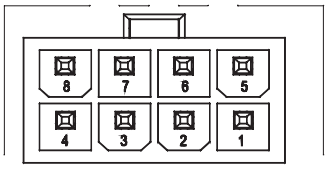
Dimensional Data 687

(All dimensions in brackets are millimeters.)

Series T17







CONNECTOR VIEW FROM BACK SIDE

PIN#	OPERATION
1	PTO LIGHT (+)
2	PTO LIGHT (-)
3	BRAKE LIGHT (+)
4	BRAKE LIGHT (-)
5	COMMON GROUND
6	RPM/HOUR INPUT
7	OIL LIGHT (-)
8	+12 VOLT INPUT

1) LOW BATTERY LED ILLUMINATES WHEN THE VOLTAGE AT PIN #8 DROPS BELOW 11.0 +/- 0.5 VOLT, AND TURN OFF WHEN INCREASES ABOVE 11.5 +/- 0.5 VOLT. CUSTOM SETTING IS AVAILABLE.

2) BRAKE DISENGAGED LED ILLUMINATES WHEN 12V IS APPLIED TO PIN #3 AND PIN #4 IS GROUNDED.

3) PTO ENGAGED LED ILLUMINATES WHEN 12V IS APPLIED TO PIN #1 AND PIN #2 IS GROUNDED

4) LOW OIL LED ILLUMINATES WHEN PIN #7 IS GROUNDED

2008 ENM Co.®

LIMITED WARRANTY | HOUR METERS

ENM Company hour meters are warranted to the consumer to be free from defects in material and workmanship for a period of 1 year. All ENM products which fall within the warranty period due to defects in material or workmanship will be repaired or replaced, at ENM's option, without charge to the consumer when returned with proof of purchase to any authorized ENM dealer in the United States, transportation charges prepaid, provided there is no evidence of improper installation, tampering, or other abuse. All implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, shall be limited in duration to the express warranty period specified above. ENM disclaims any liability for consequential damages due to breach of any written or implied warranty on its products. Datasheet information subject to change.

Counting Instruments

ENM Company
5617 Northwest Highway, Chicago, IL 60646-6135
(773) 775-8400 • Fax: (773) 775-5968 • Toll Free (888) 372-0465
e-mail: customerservice@enmco.com
ISO 9001:2000 web site: www.enmco.com

© ENM Co.