

3" & 5" ADVANCED TACHOMETER
with hourmeter



Engine instrumentation and electrical meters
Custom engineered for bottom line performance

3" & 5" Advanced Tachometer with hourmeter

Made in the USA
Available now!

Benefits:

- Durable, high torque, heavy-duty Air Core movement withstands severe vibration
- Choice of mechanical or back-lit LCD hourmeter for easy night readings
- Re-settable maintenance channel for the LCD hourmeter
- Optional Engine-On-Detect (EOD) hourmeter advances only when the engine is running
- EOD output allows for use of a remote EOD hourmeter
- Non-corrosive injection molded casing
- Corrosion resistant exterior hardware
- Heavy-duty, bright incandescent light source with vibration resistant socket
- Splash resistant
- Load dump - meet SAE J1113
- Custom Always Available



BEEDE ELECTRICAL INSTRUMENT CO., INC. • P.O. BOX 8910 • PENACOOK, NH 03303-8910
TEL: 603-753-6362 • FAX 603-753-6201 • EMAIL: sales@beede.com • WEB SITE: <http://www.beede.com>



ISO 9001 Certified

CE • Q1 • QUEST • FMC

Specifications for 3" & 5" Advanced Tachometer with hourmeter

3" & 5" ADVANCED TACHOMETER
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ENVIRONMENTAL SPECIFICATIONS

Accuracy

Tachometers: $\pm 2.0\%$ of F.S. @ 75°F (24°C)
Hourmeter - LCD: $\pm 0.1\%$
Hourmeter - Mech: $\pm 5.0\%$

Temperature

Operating: -20°F to +158°F (-29°C to 70°C)
Maximum Change: $\pm 2.0\%$ F.S. from 75°F (24°C) indication.

Shock

50G, 9-13 ms half sine, 25 shocks in each of three orthogonal axes with no damage.

Vibration

0.060" double amplitude 10-80-10 Hz. Two hours in each of three orthogonal axes: remains within initial accuracy.

Operating Voltage

12-16 VDC standard; for 24 VDC operation, contact factory.

Over Voltage

Withstands 18 V continuously for one hour.

Reverse Polarity Protection

Standard, all instruments except those with EOD output.

Voltage Variance

$\pm 1\%$ of initial reading, 12-16 VDC.

Load Dump

Meets SAE J1113, 3 positive 80 V transients, one minute intervals.

Tachometer Signal Source

Magnetic pick up range
Standard 80 to 180 teeth.

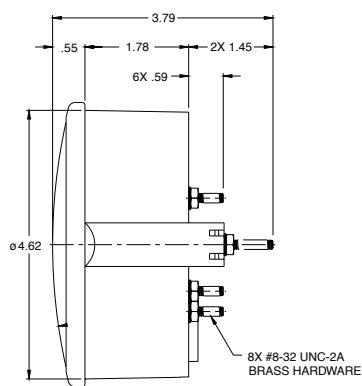
Ignition or Alternator

4, 6, 8 cylinder - 10, 12 and 20 pole alternator.
Alternator adjustable 300 - 2100 hz

Installation

3" Recommended Hole Size for Panel is 3.365"
5" Recommended Hole Size for Panel is 4.65"

5" Dimensions



For 3"
Dimensions
please contact
the factory

3AT-0503

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