# BRAIME

# TACH3V5

*TECHNOLOGY · INNOVATION · QUALITY · VALUE*

# Tacho
## Provides Accurate Speed Indication or Time Interval



**TACH3V5**

## APPLICATION
The TACH3V5 Tacho is low cost electronic display which can be user programmed to indicate speed, distance or time intervals. The unit incorporates a 4 digit red LED display with programmable auto decimal point, in a DIN 96 x 48 enclosure (panel cut-out size: 92 x 44 mm). A relay output is provided for speed control use.

## METHOD OF OPERATION
Choose your function, amend the program, set switches to required mode (see next page).

### FEATURES
▶ High Clarity LED Display
▶ User/Factory Programmable
▶ Accepts Many Different Inputs
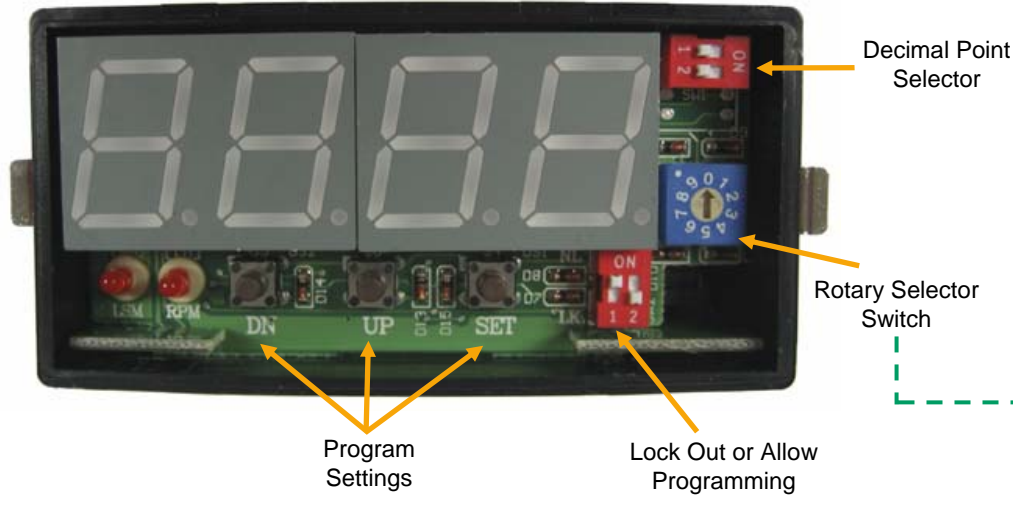▶ Underspeed Relay Contact

### OPTION
▶ P1001V34A        inductive sensor diameter 18 mm
▶ Rotech           wheel and shaft encoder

Please refer to instruction manual for correct installation.
Information subject to change or correction. July 2007.

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(Tacho with Front Cover Removed)



Decimal Point Selector

Rotary Selector Switch

Program Settings

Lock Out or Allow Programming

### Rotary Selector Switch Functions

0 - Tachometer (Revolutions/Min.)
1 - Tachometer (Revolutions/Sec.)
2 - Tachometer (Revolutions/Hr.)
3 - Line Speed Indicator (Meters/Min.)
4 - Line Speed Indicator (Yards/Min.)
5 - Interval Timer (Seconds/Rev.)

## TECHNICAL SPECIFICATIONS

### Tacho - Provides Accurate Speed Indication or Time Interval

| TACH3V5 | |
|---|---|
| **Supply:** | 110/230 VAC |
| **Consumption:** | 3VA |
| **Sensor Supply:** | 12V dc smoothed, 60mA max. |
| **Input:** | NPN or volt free contact |
| **Input Speed:** | 2.5KHZ Max. |
| **Output:** | SPCO relay rated @ 5A ac non-inductive. Can be used for under speed control applications |
| **Programming:** | Via pushbuttons, slide and rotary switches |
| **Memory Retention:** | 10 year memory of program settings |
| **Protection:** | IP41 |
| **Connection:** | Screw terminals on rear of unit |
| **Weight:** | 14 oz (400g) |

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