

DIGITAL TACHOMETER

A Digital Tachometer is a versatile device to monitor the r.p.m of any rotating object without any physical contact .

SENSING

This pick-up is mounted against a gear wheel which is fixed on the rotating shaft. The gear wheel has 60 evenly spaced slots/teeth on it. The air gap between the pick-up and the gear teeth is adjusted at 3mm for proper pulse generation.

Remote monitoring of speed is also possible since the pick-up can be located at any far away point too.

FEATURES

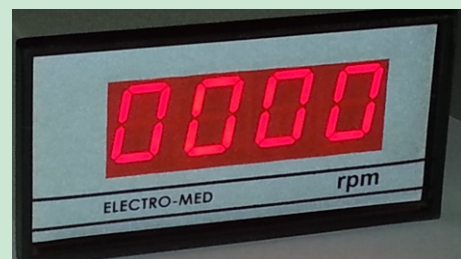
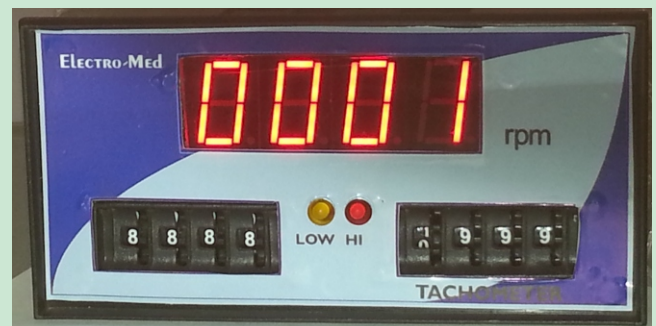
- Contactless speed sensing.
- High accuracy.
- Digital readout on non blinking display.
- Rapid-sampling rate.
- DIN standard, epoxy coated panel mounting metallic enclosures.

SPECIFICATIONS

- Range : 0-9999 r.p.m.
- Resolution : 1 r.p.m.
- Accuracy : Better than $0.01\% \pm 1$ r.p.m.
- Sampling period : 1 second.
- Display period : 2 seconds.

Display Height	Panel Size
25 mm	144 x 72 mm
50 mm	288 x 144 mm
100 mm	440 x 165 mm

- Operating Voltage : $230\text{ V} \pm 15\%$, 50 Hz
- Transducer : Magnetic pick - up with 5mts. lead.



Due to continuous development, the specification, layout, dimensions etc. are liable to change without notice to suit the latest state of the art.

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