

5 DIGIT OPTICAL HAND TACHOMETER



9801.001 - 5 DIGIT OPTICAL

DIGITAKER 9801.001 is a microcomputer based digital tachometer for rotational speed measurements, particularly suitable in application where a physical contact with the moving part cannot be obtained and braking force cannot be applied.

DIGITAKER has a measuring range of 2.0 to 100,000 r.p.m. with automatic decimal point selection in order to ensure a high degree of accuracy.

TOTALIZING function allows to count the incoming pulses.

DIGITAKER is provided with an auxiliary input for an optional external sensor.

By inserting the 8830.001 contact sensor, linear speed measurements can be made.

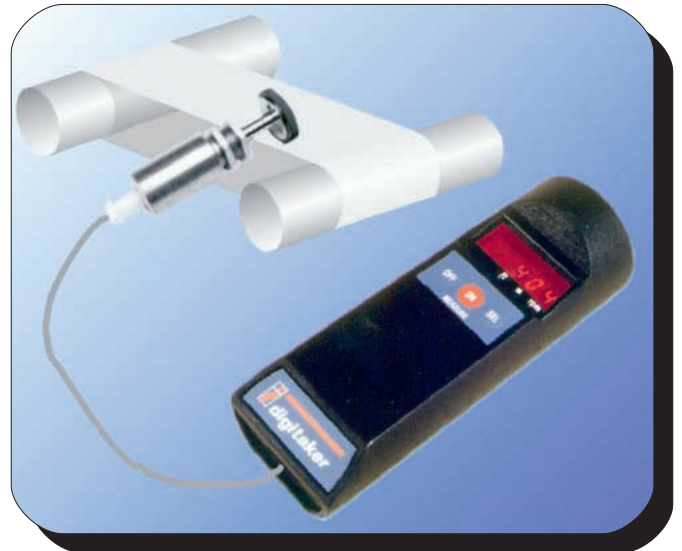
TECHNICAL FEATURES

Readout: 5 digit ultrabright LED displays
 Accuracy: $\pm 0,1$ r.p.m. up to 999.9 r.p.m.
 $\pm 0,005\%$ from 1000 to 100,000 r.p.m.
 Power supply: 4 batteries UM3 1,5V
 Operating temperature: from 0 to 45°C
 Dimensions: 180x60mm
 Weight: 0.4Kg

Measuring range: from 2.0 to 100,000 r.p.m.
 Measuring period:
 Each rotation from 2.0 to 60.0 r.p.m.
 1 second from 60,0 to 100,000 r.p.m.

Standard accessories:
 Plastic case for tachometer and sensors
 Set of 5 self-adhesive reflective tabs

9801.001 5 digit optical hand tachometer
7817.006 Spare 5 self-adhesive reflecting tabs (25x90)



ROTATION SPEED MEASUREMENT

- Apply a reflective strip on the rotating part.
- Point optical head towards the strip.
- Press the MEASURE push-button.
- Releasing the push-button, the measured value is held in memory.

LINEAR SPEED MEASUREMENT

- Insert 8830.001 contact sensor (optional) connector into the external connector input of the tachometer.
- Select through the SEL push-button the desired measuring unit (m/min).

OPTIONAL SENSORS

8830.001 Contact sensor
8810.001 Optical sensor
8810.010 Proximity switch

