

<h1 style="margin: 0;">HT2234N</h1>	Rel. 1.02 of 06/06/08
Digital Optical Tachometer	Page 1 of 1

1. TECHNICAL SPECIFICATIONS

Speed Measurement (without contact)

	Range	Resolution	Accuracy
RPM	10.00 ÷ 99999	0.01 / 0.1 / 1	± (0.04%rdg + 2dgt)
RPS(Hz)	0.200 ÷ 2000.0	0.001 / 0.01 / 0.1	

Speed Measurement (with contact)

	Range	Resolution	Accuracy
m/min	2.000 ÷ 2999.9	0.001 / 0.01 / 0.1	± (0.04%rdg + 2dgt)
RPM	20.00 ÷ 29999	0.01 / 0.1 / 1	
ft/min	6.00 ÷ 10000		
yard/min	4.00 ÷ 3000		

Event Counter

Range	Max. Input Frequency
0 ÷ 99999	10kHz with 5% Duty Cycle

2. GENERAL SPECIFICATIONS

General

Measuring Distance: 50 to 300 mm
 Time base: 4.0 MHz Quartz Crystal
 Range selection: Autorange

Display

Characteristics: 5 digit LCD 99999 counts
 Sampling rate: 0.7 sec (> 60 rpm)
 > 1 sec (10 to 60 rpm)

Supply

Battery type: 4 x 1.5V battery type LR03 AA
 Low battery indication: "BT" is displayed when the batteries level is too low.
 AutoPowerOFF: 30 minutes

Mechanical characteristics

Size: 162(L) x 63(W) x 36(H)mm
 Weight (including battery): about 190g (included batteries)

Climatic conditions

Reference temperature: 25° ± 5°C
 Operating temperature: 0 ÷ 50 °C (32 ÷ 122°F)
 Operating humidity: <70% RH
 Storage temperature: -10 ÷ 60 °C
 Storage humidity: <70% RH
 Internal use: max. 2000m