

HT2234N

Rel. 1.02 of 06/06/08

Digital Optical Tachometer

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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		
RPM	20.00 ÷ 29999	0.01 / 0.1 / 1	± (0.04%rdg + 2dgt)	
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: $25^{\circ} \pm 5^{\circ}C$

Operating temperature: $0 \div 50 \text{ °C } (32 \div 122 \text{°F})$

Operating humidity: <70% RH Storage temperature: $-10 \div 60$ °C Storage humidity: <70% RH Internal use: max. 2000m