

Tacho Meter

TM-4100N

TM-4100DN(Datalogger)

Features

- ◆ Display: 6 digits LCD display with maximum reading 999999.
- ◆ Noncontact IR and contact measurements.
- ◆ Distance of noncontact measurement: 50~500mm.
- ◆ Sampling rate

>60 rpm	12 ~ 60 rpm	Average
0.5 sec	>1 sec	>2 sec
- ◆ Manual recording: 200 data (TM-4100N)
20,000 data (TM-4100DN)
- ◆ Auto recording: 200 data (TM-4100N)
20,000 data (TM-4100DN)
- ◆ Battery life: about 20 hours.
(with continuous measurement and buzzer off)
- ◆ Power: 9V (NEDA 1604, IEC 6F22 JIS 006P) x 1
- ◆ External power supply.(TM-4100DN)
 - 1.Support USB power input .
 - 2.Optional adaptor, AC 100~240 to DC 9V/0.5A
- ◆ RS-232 output (TM-4100DN):
Output: Earphone port (Diameter 3.5mm/4 plug head).
- ◆ Low battery indication.



Specifications

Ambient temperature range: 18°C (64°F) ~ 28°C (82°F)

Noncontact

Unit	RPM/count measurement	Resolution	Accuracy
RPM r/min	12.00 ~ 99960	0.01/0.1/1	±0.04%±2dgt
RPM r/s	0.2000 ~ 1666.0	0.0001/0.001/0.01/0.1	
Cycle ms	0.6000 ~ 5000	0.0001/0.001/0.01/1	
Counter	0 ~ 999999	1	±1dgt~±20dgt

Countact

Unit	RPM/count measurement	Resolution	Accuracy
RPM r/min	12.00 ~ 19980	0.01/0.1/1	±0.04%±2dgt
RPM r/s	0.2000 ~ 333.0	0.0001/0.001/0.01/0.1	
ft/min	3.937 ~ 6555	0.001/0.01/0.1/1	
yard/min	1.312 ~ 2185		
m/min	1.200 ~ 1998.0	0.001/0.01/0.1	
m/s	0.02000 ~ 33.30	0.0001/0.001/0.01	
Cycle ms	3.000 ~ 5000	0.001/0.01/0.1/1	±1dgt~±20dgt
Counter	0 ~ 999999	1	

1 foot/minute = 0.00508 m / s = 0.3048 m / min

1 yard/minute = 0.01524 m / s = 0.9144 m / min

