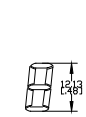
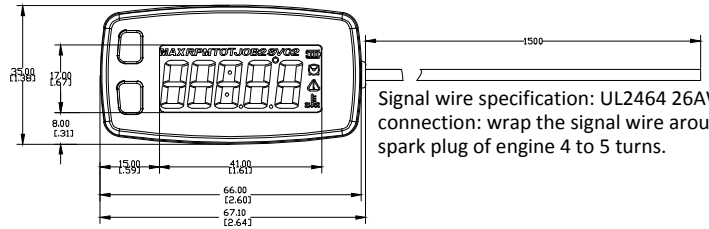
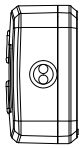
REVISIONS			
REV.	DESCRIPTION	DATE	INIT
0	INITIAL RELEASE	2020-4-10	
1			

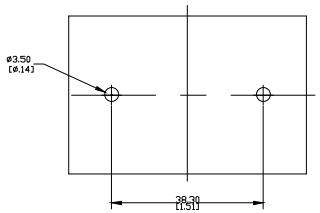


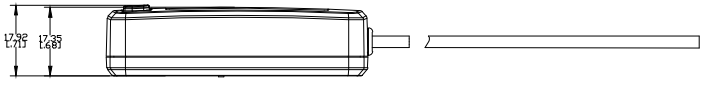
字体高度：12.13mm

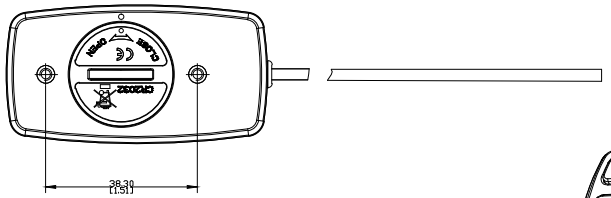


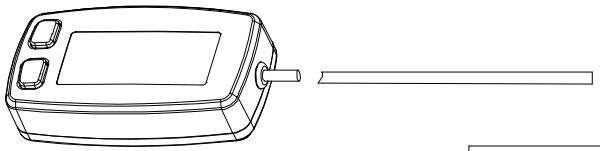
Signal wire specification: UL2464 26AWG/C; connection: wrap the signal wire around the spark plug of engine 4 to 5 turns.











1.Display:
LCD display, viewing angle is 12'Clock.
5 digits display.
Temperature range of LCD screen: -20℃-75℃.
Backlight color: green backlight.
2.Timing function:
When the unit pick up the engine signal for more than 1s continuously, the LCD displays current RPM and start timing.
Record total running hours and the timing range is 0-99999H, non-resettable; Timing accuracy : when the total hours range is 0.0-9999.9H, the timing accuracy is 0.1H; when the total hours range is 10000-99999H, the timing accuracy is 1H.
Record the partial time and the timing range is 0-99999H, resettable; Timing accuracy : when the total hours range is 0.0-9999.9H, the timing accuracy is 0.1H; when the total hours range is 10000-99999H, the timing accuracy is 1H.
3.Maintenance interval time function:
One maintenance reminder which can be set to 0-200H; it is OFF when set to 0.
When the unit pick up the engine signal for more than 1s continuously, the LCD displays current RPM and the maintenance timer start countdown.
Maintenance time clear method: when the maintenance time is reached, press any button to clear the status and the next maintenance interval time starts timing.
4.RPM function:
When the tach hour meter detect the engine spark plug signal for more than 1s continuously, the LCD will display the current RPM of the engine.
Engine firing patterns: 1P1R, 1P2R, 2P1R, 3P1R, 3P2R, 4P1R, 5P1R, 6P1R.
RPM range: 0-20000RPM; RPM resolution: 10RPM; RPM accuracy: ≤±50RPM.
MAX RPM: when the current RPM value is exceeds the record MAX RPM value, the record value will be updated.
5.Internal battery:
Battery type: CR2032, capacity: 210mAh.
Operation lifetime: when the average engine speed is 4000 rpm, and the average working time is 8 hours a day, it can be used for 1.5 years.

Item Parameters	Parameters
Type of working signal	Gasoline engine spark plug signal
Housing material	ABS black
Product size	66.0mm*35.0mm*17.35mm
Display window size	41.0mm*17.0mm
Working temperature	-25℃-75℃
Waterproof rate	IP65
Weight	48g

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
.X± .1
.XX± .02
.XXX± .005
X° 1°

COMPUTER GENRATED DRAWING-NO MANUAL CHANGES ALLOWED

DRAWN | DATE
CHECKED | DATE
APPROVEO | DATE
MATERIAL: N/A
FINISH: N/A
DO NOT SCALE DRAWING
PROJECTED VIEWS ARE 3RD ANGLE
STATUS: DS4_DESIGN

Runleader
NINGBO JIANGBEI RUN LEADER ELECTRONICS CO., LTD
WWW.RUN-LEADER.COM

TITLE: HOUR METER
SIZE: B | PART.NO.: RL-HM032R
SCALE: NTS | SHEET: 1 OF 1 | PROJECT NO.: 104 | REVISION: 0