

LCD

1. Display:

- LCD display, viewing angle is 6°Clock.
- Temperature range of LCD screen: -30℃-80℃.

2. Backlight function:

- Backlight color: white light.
- Backlight display: backlight will be lit when external power is connected and gasoline engine ignition signal is detected.

3. Timing function:

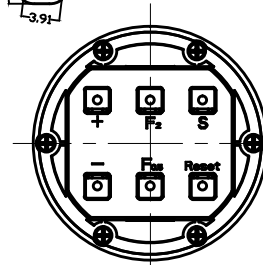
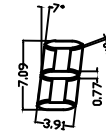
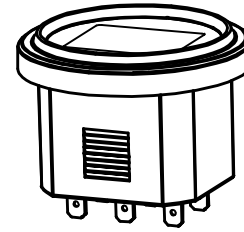
- Timing working mode: when the gasoline engine ignition signal is detected, TOT will flash on the upper LCD screen and display the current total running hours.
- Timing types: total hours and partial time.
- TOT range: 0-99999.9H, non-resettable; JOB range: 0-9999.9H, resettable.

4. RPM function:

- RPM working mode: when the gasoline engine ignition signal is detected, current RPM will display on the lower LCD screen.
- Four stroke options: 1P1R, 2P1R, 1P2R, 3P1R, the max RPM is 20000, 15000, 20000, 10000rpm/min.
- Record the MAX RPM: display MAX RPM on the lower LCD screen after engine stops.

5. Power supply:

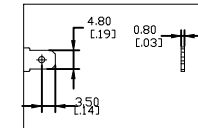
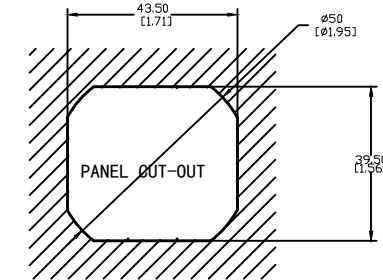
- Internal battery: CR2032 210mAh battery.
- External power supply: AC12-48V or DC6-48V.



Functional pins	Connection way
+	Positive terminal of external power supply
-	Negative terminal of external power supply
S	Engine ignition signal input
RESET	Reset partial time

REVISIONS

REV.	DESCRIPTION	DATE	INIT
0	INITIAL RELEASE	31/03/2020	
1			



PIN SIZE

Pin F2	Pin F0.5	The corresponding mode of ignition	Applicable engine type
Do not	Ö[]	1P2R	4 strokes 2 cylinders or 2 strokes 1 cylinders
Ö[]	Ö[]	1P2R	4 strokes 1 cylinders
Do not	Ö[]	2P1R	4 strokes 4 cylinders or 2 strokes 2 cylinders
Ö[]	Ö[]	3P1R	4 strokes 6 cylinders or 2 strokes 3 cylinders

Item	Parameters
Type of working signal	Gasoline engine ignition coil induction
Housing material	ABS black
Product size	1 1/2 J {
Display window size	30mm*23.4mm
Working temperature	15℃ ~ 55℃
Waterproof rate	Surface IP65
Weight	90g

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: .X± .1 .XX± .02 .XXX± .005 X± .001	DRAWN 付图	DATE 2020.3.21	 NINGBO JIANGBEI RUN LEADER ELECTRONICS CO., LTD WWW.RUN-LEADER.COM			
	CHECKED	DATE				
	APPROVED	DATE				
	MATERIAL N/A	PROJECTED VIEWS ARE 3RD ANGLE	TITLE Backlight tach/hour Meter			
COMPUTER GENERATED DRAWING-NO MANUAL CHANGES ALLOWED	FINISH N/A	 STATUS DS4_DESIGN	SIZE B	PART NO.	RL-HM005L	
	DO NOT SCALE DRAWING		SCALE NTS	SHEET 1 OF 1	PROJECT NO. 048	REVISION 0