

HED200

发动机监控模块

ENGINE MONITORING MODULE



● 简介

用于单台发动机监控，带有 RS485 接口，可灵活设置各项参数。主要用于非道路二阶段发动机。产品防护等级高，可达 IP66，低温性能强，在低温 -40°C 可正常工作。

● 特点

- 背光触摸按键，按键灵敏，且较传统按键寿命更长
- 4路模拟量传感器输入口，1路固定电阻型，3路可灵活配置成电阻型、电流型
- 显示主题可设：单参数、双参数、四参数、六参数主题可选
- 主页显示内容可自定义选择
- 模块可采集显示：转速、小时计、油压、温度、液位等
- 可设置为远端模块或本地模块，实现远端模块监控
- 实时时钟、历史记录（499）
- 维护功能，5条维保记录可自定义设置
- 4路模拟量传感器输入口可复用成开关量输入口
- 适用于非电喷发动机

Overview

The module can be monitoring of single engine. With RS485 port, various parameters can be flexibly set on it. It mainly suits for non-road Stage II engines. High protection level of IP66, excellent low temperature performance allows it to work normally at -40°C.

Features

- Sensitive touch key with backlight on the panel prolongs key's life
- Four analog sensor inputs, one can be configured as resistance type, three multifunctional sensor inputs can be configured as current/resistance type
- Display theme of main screen can be set as single, two, four and six parameters theme
- Homepage display content can be set flexibly
- The module can collect and display the parameters of speed, hour, oil pressure, temperature and level
- It can be set as remote module or local module to realize remote module monitoring
- Real-time clock and event log (499)
- Maintenance function allows it to set five maintenance timer flexibly
- Four analog sensor inputs can be reconfigured as digital inputs
- Suitable for non-ECU engines



电源 Power	供电范围: DC(8~35)V	Power Supply: DC(8~35)V
	整机功耗: <1.1W (待机方式: ≤0.4W) (液晶加热时: <9.2W)	Power Consumption: <1.1W (Standby mode: ≤0.4W) (LCD heating: <9.2W)

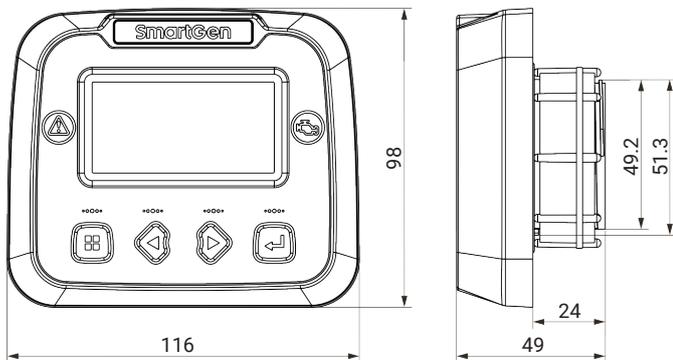
环境 Environment	工作温度: (-40~+70)°C	Working Temperature: (-40~+70)°C
	贮存温度: (-40~+80)°C	Storage Temperature: (-40~+80)°C
	工作湿度: (20~93)%RH	Working Humidity: (20~93)%RH
	防护等级: IP66	IP Rating: IP66

结构 Structure	外形尺寸: 116 × 98 × 49mm	Overall Dimensions: 116 × 98 × 49mm
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标准和认证 Standards & Certificates	CE认证	CE Certification
	振动: (5~8)Hz 振幅±17mm (8~100)Hz: 加速度4g (100~500)Hz: 加速度 2g IEC 60068-2-6	Vibration: (5~8)Hz amplitude=±17mm (8~100)Hz: a=4g (100~500)Hz: a=2g (IEC 60068-2-6)
	冲击: 50g _n , 11ms, 半正弦 IEC 60068-2-27	Shock: 50g _n , 11ms, half-sine (IEC 60068-2-27)
	碰撞: 20g _n , 16ms, 半正弦 IEC 60255-21-2	Bump: 20g _n , 16ms, half-sine (IEC 60255-21-2)

● 尺寸 Dimensions

单位(Unit): mm



● 端口 Ports

直流电源B+B- DC Power	模拟量输入(4)可复用为开关量输入 Analog input (4) can be reconfigured as digital input	
		RS485
转速MP1 MP2 Speed	充电器D+ Charger	开关量输出 (1) Digital Output (1)