ACC5100
柴驱空压机控制器

DIESEL AIR COMPRESSOR CONTROLLER

● 简介

用于柴油发动机驱动的空压机，实现空压机的开机停机、数据测量、维护保养、报警保护及"三遥"功能，可根据空压机排气压力自动调节稳定转速，可控制多种电喷或非电喷柴驱空压机。

Overview

Used for air compressor with diesel-driven engine in order to realize air compressor start/stop, data measurement, maintenance, alarm protection and "Three Remotes" functions. It can automatically adjust speed based on the discharge pressure of air compressor, and can control various ECU or non-ECU diesel air compressors.

● 特点

- 3.5英寸彩色液晶显示，多语言选择

- 智能液晶加热，可工作于低温-40℃

- 一体化设计，面板集成电源、急停、高低压切换开关

- DPF再生功能，支持非道路四阶段发动机

- 5路有源B+输出，采用可更换15A汽车保险，实现过流保护，便于维护更换

- 5路开关量输入口，高电平或低电平有效可设

- 转速可通过转速传感器或发电机W/L获取

- DC5V输出

- 加热器、冷却器、燃油泵、螺杆油冷却器等控制

- 实时时钟、历史记录（200）、维护保养（10）、ECU智能显示

- 6路模拟量传感器，3路固定电阻型，3路可灵活配置成电阻型、电流型和电压型

Features

- 3.5-inch color LCD display, multiple languages to select

- Smart LCD heating system allows it to work under low temperature of -40℃

- Front panel integrates emergency stop button, power on/off switch knob, and high/low pressure switch knob, which is easy to use with integrated design

- DPF regeneration function supports non-road Stage IV engines

- Five active B+ outputs adopt 15A replaceable automotive blade fuses for overcurrent protection, which is easy to be replaced

- Five digital inputs can be configured as active under high level or low level

- Speed can be obtained from speed sensor or generator W/L

- DC5V output

- Control functions of heater, cooler, fuel pump and screw oil cooler

- Real time clock, Event log (200), Maintenance (10) and ECU information display

- 6 ways of analog sensors, 3 ways of fixed resistance type sensors, and 3 ways of auxiliary resistance/current/voltage type sensors

电源 Power	供电范围：DC(8~35)V 整机功耗：<5W（待机方式：≤2W）	Power Supply：DC(8~35)V Power Consumption：<5W（Standby mode：≤2W）
环境 Environment	工作温度：(-40~+70)°C 贮存温度：(-40~+80)°C 工作湿度：(20~93)%RH 防护等级：前面板：IP65 后面板：IP60	Working Temperature：(-40~+70)°C Storage Temperature：(-40~+80)°C Working Humidity：(20~93)%RH IP Rating：Front panel：IP65 Back panel：IP60
结构 Structure	外形尺寸：236 × 180 × 74mm 开孔尺寸：201 × 151mm，4 × φ4.5mm	Overall Dimensions：236 × 180 × 74mm Panel Cutout：201 × 151mm，4 × φ4.5mm
标准和认证 Standards & Certificates	CE认证 振动：5~8Hz 振幅±17mm 8~100Hz：加速度4g 100~500Hz：加速度 2g IEC 60068-2-6 冲击：$50g_n$，11ms，半正弦 IEC 60068-2-27 碰撞：$20g_n$，16ms，半正弦 IEC 60255-21-2	CE Certification Vibration：5~8Hz amplitude=±17mm 8~100Hz：a=4g 100~500Hz：a=2g (IEC 60068-2-6) Shock：$50g_n$，11ms，half-sine (IEC 60068-2-27) Bump：$20g_n$，16ms，half-sine (IEC 60255-21-2)

● 尺寸 Dimensions　　　　　　　单位(Unit)：mm
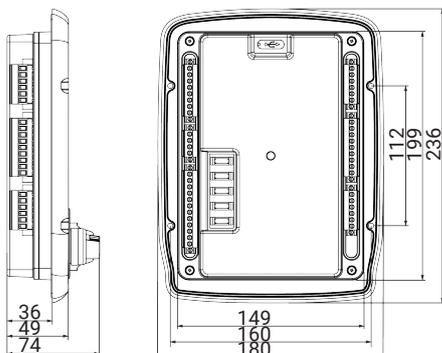
● 端口 Ports

直流电源B+B- DC Power	开关量输入 (5) Digital Input (5)	模拟量输入 (6) Analog Input (6)	开关量输出 (6) Digital Output (6)	
USB (Type-c)				RS485
				CAN
转速MP1 MP2 Speed	W/L	电压型传感器电源 DC5V	电流型传感器电源 SENSOR POWER+	

CE