

HLEC-C1-4934A

Mobile Machinery Controller



Due to the sophisticated nature of the networked world of today, increasingly higher demands are now being placed on your mobile machinery. Modern requirements include equipment

intelligence, informatization, efficiency, reduced energy consumption, safety and reliability. Mobile machinery manufacturers have also racked their brains to create new technical innovations and personalized products in order to stand out in the fierce competition of global markets.

We are able to supply our customers with a variety of tailor-made solutions and highly competitive products based on our long experience in the field of mobile machinery control, all in line with the most modern developments. Safe and

reliable, the HLEC-C1-4934A mobile machinery controller is capable of fast processing even under the harshest operating conditions. All major characteristics of mobile applications have been fully considered in terms of product connectivity and interface design.

The HLEC-C1-4934A mobile machinery controller has been fitted with a flexible I/O terminal, to support all manner of communications, including CAN and RS232, in order to satisfy customer demands.

Processing capacity and safety level of the controller.

Engineering hoisting machinery, High elevation machinery, Port and marine machinery,		
Agricultural machinery, Municipal and sanitation machinery.	Piling machinery, Boring machinery, Pavement machinery, Earth moving machinery.	Excavators, Concrete Machinery, Road Construction and Maintenance Machinery.
Engineering hoisting machinery, High elevation machinery.		

Complexity of machinery control and safety requirements.

Features:

- 300 MHz processor ensures the highest possible performance.
- Monitoring function available at input and output to facilitate fault deflection.
- Flutter frequency and amplitude can be set against the ratio of electromagnetic output to reduce hysteresis.
- Closed-loop output of electromagnetic ratio is not affected by voltage and temperature.
- Improved design, for better electromagnetic compatibility.
- Ingress protection: IP67, resistant to dust and water.
- Operating temperature range: -85°C ~40°C , supporting your machinery even in the harshest operating environments.
- Vibration and shock specifications meet all requisite requirements.

Areas of application:



Official WeChat

China
+86 400 101 8889

Germany
+49 (30) 72088-0

America
+01 630 995 3674

Japan
+81 03 6809 1696

India
+0091 98456 73856

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Technical specifications

Specifications of the working power supply

Parameters	Specifications
Input voltage range	DC9.0V-36V
Current consumption	Max.30A

Specifications for external sensor on output power supply

Parameters	Specifications
Output voltage range	DC5.0V+/-0.1V
Output current	Max.0.5A



Input interface specifications

Type	Number of channels	Specifications
Analog voltage input (Type A)	18	0-5V Input voltage
Analog voltage input (Type B)	3	0-32V Input voltage
Analog resistance input (Type A)	2	50-500 Ω
Analog resistance input (Type B)	2	50-5000 Ω
Effective high digital input	8	Voltage (0-32V)
Effective low digital input	8	Voltage (0-32V)
PWM input	8	Frequency (0.5-10kHz)

Output interface specifications

Type	Number of channels	Specifications
Output of ratio electromagnet	26	Max.2A
Output of switch electromagnet	8	Max.2A

Communications interface specifications

Type	Number of channels	Specifications
CAN	4	Supports 2.0A/B J1939 open programming
RS232	1	Special maintenance interface