

PWM CONTROL HIGH DURABILITY WATER RESISTANT

INTELLIGENT
CONTROL
SYSTEM



Description

The PWM CONTROL HD WR board is a standalone board for controlling bi-directional proportional valve.

Control up to 9ea bi-directional proportional and/or solenoid valves. 10ea analog inputs for pressure transducers / temperature transducers and 2ea digital inputs. Easy to install, equipped with industrial standard M12 connectors that simplifies maintenance and troubleshooting.

Features

- Standalone
- LED Indicators for Diagnostics
- Water Resistant
- High Resolution Analog inputs
- Pressure Tolerant
- Daisy Chain
- Water Detect
- Individual frequency control for all channels
- Phase offset to avoid high peek current
- Telnet and web interface for configuration
- Web interface for firmware update
- Modbus TCP/UDP
- Inbuilt switch / dual ethernet ports

SPECIFICATIONS

PWM CONTROL HD WR

General Technical Specifications

Type	
Part Number	105462
Dimensions	mm 200x150x30
Weight	g ~500
Temperature Operational (ambient)	°C -20 to +40
Temperature Storage	°C -20 to +60
Depth rated	m 3000

Electrical

Supply Voltage	VDC 10-30
Power Consumption	W ~5

Communication

Ethernet (daisy chain applicable)	Mbps 10-100
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Performance

PWM output frequency	Hz 40-2000
PWM output resolution	16bit (65535)
Analog input resolution	16bit (65535)
Digital input counter frequency	kHz 0-200

Ordering Part Numbers

Description	Part Number
PWM Control HD WR	105462

Accessories

Pigtail M12 T-coded 4Pin Right Angle	Power	101967
Pigtail M12 T-coded 4Pin Straight	Power	101968
Pigtail M12 A-coded 4Pin Right Angle	Sensor	101969
Pigtail M12 A-coded 4Pin Straight	Sensor	101970
Pigtail M12 D-coded 4Pin Right Angle	Ethernet	101971
Pigtail M12 D-coded 4Pin Straight	Ethernet	101972

