HACH®

Be Right™

Polymetron 9500 Controller, 100-240 VAC, one pH/ORP sensor input, one conductivity sensor input, Modbus 232/485, 4-20 mA outputs

Product #:   9500.99.01764

AED Price: Contact Hach

One controller for a broad range of sensors.

A complete water analytics system designed for the Power industry. Hach provides a broad range of product options made to work together as flexible solutions to meet your unique needs. The comprehensive approach saves you time on design, installation, training, maintenance, and operation.

Save time on design
A single design source and one product platform means you spend less time searching for design files or configuring components. Create and reuse your optimal design templates.

Accelerate your installation
One source, interchangeable components, a common user interface, and one support team make installation faster and less complicated. Quickly and easily transfer user settings between controllers.

Reduce training complexity
A single platform minimises time required to teach and learn product operations, getting new systems in use faster.

Simplify maintenance and operation
Common menu guides reduce variability and provide step-by-step procedures for maintenance and calibration. Standard visual alerts across parameters notify operators when troubleshooting is required.

Specifications

Analogue output functional mode:	Linear, Logarithmic, Bi-linear, PID
Analogue outputs:	Two (Five with optional expansion module) 0/4 to 20 mA isolated current outputs, max. 550 Ω, Accuracy: ±0.1% of FS (20 mA) at 25 °C, ±0.5% of FS over -20 °C to 60 °C range
Communication capabilities:	Modbus RS232/RS485
Communication: digital:	MODBUS RS232/RS485, PROFIBUS DPV1, HART optional
Conduit openings:	1/2" NPT Conduit
Dimensions (H x W x D):	144 mm x 144 mm x 181 mm
Display:	Graphic dot matrix LCD with LED backlighting, transreflective
Display resolution:	240 x 160 pixels
Display size:	48 x 68 mm
Electrical Certifications:	EMC
	CE compliant for conducted and radiated emissions:
	- CISPR 11 (Class A limits)

	- EMC Immunity EN 61326-1 (Industrial limits)
	Safety
	cETLus safety mark for:
	- General Locations per ANSI/UL 61010-1 & CAN/CSA C22.2. No. 61010-1
	cULus safety mark
	- General Locations per UL 61010-1 & CAN/CSA C22.2. No. 61010-1
Enclosure waterproof rating:	IP66 / NEMA 4X
Length:	181 mm
Manual languages:	Bulgarian, Chinese (PRC), Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Lithuanian, Polish, Portuguese (Brazil), Portuguese (Portugal), Romanian, Russian, Slovak, Slovenian, Spanish, Swedish, Thai, Turkish
Material:	Polycarbonate
	Aluminium (powder coated)
	Stainless Steel
Mounting configurations:	Wall
	Pole
	Panel Mounting
Operating temperature range:	-20 - 60 °C at 0 - 95% RH (non-condensing)
Power Options:	100-240V, no power cord
Power requirements (Hz):	50 - 60 Hz
Power requirements (Voltage):	100 - 240 V AC
Relay functions:	Scheduler (Timer), Alarm, Feeder Control, Event Control, Pulse Width Modulation, Frequency Control, and Warning
Relay: Operational mode:	Primary or secondary measurement, calculated value (dual channel only) or timer/scheduler
Relays:	Four electromechanical SPDT (Form C) contacts, 1200 W, 5 A
Security levels:	2
Sensor input:	Conductivity
Storage conditions:	-20 °C - 70 °C
Warranty:	24 months
Weight:	1.70 kg
What's included?:	Controller, mounting hardware, basic user manual

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