



## **POLYMETRON 9500 Controller: 24 V DC with one POLYMETRON pH/ORP sensor input, MODBUS 232/485, and two 4-20 mA outputs**

Artikel-Nr.: 9500.99.71704

CHF Preis: Kontakt

Lieferung innerhalb 1 Woche

### **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.

**Optimierung des Betriebs mithilfe von Warnmeldungen, die den Bediener informieren, wenn eine Fehlerbehebung erforderlich ist.**

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### **Technische Daten**

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|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Abmessungen (H x B x T):          | 144 mm x 144 mm x 181 mm                                                                                                                                                                        |
| Analoge Ausgänge:                 | Two (Five with optional expansion module) 0/4 to 20 mA isolated current outputs, max. 550 $\Omega$ , Accuracy: $\pm 0.1\%$ of FS (20 mA) at 25 °C, $\pm 0.5\%$ of FS over -20 °C to 60 °C range |
| Analoge Ausgänge: Funktionsmodus: | Linear, Logarithmic, Bi-linear, PID                                                                                                                                                             |
| Betriebsbedingungen:              | -20 - 60 °C bei 0 bis 95 % relative Luftfeuchtigkeit (nicht kondensierend)                                                                                                                      |
| Display:                          | 48 x 68 mm                                                                                                                                                                                      |
| Display-Auflösung:                | 240 x 160 Pixel                                                                                                                                                                                 |
| Gehäuse-Schutzklasse:             | IP66 / NEMA 4X                                                                                                                                                                                  |
| Gehäusematerial:                  | Polycarbonate                                                                                                                                                                                   |
|                                   | Aluminium (powder coated)                                                                                                                                                                       |
|                                   | Stainless Steel                                                                                                                                                                                 |
| Gewährleistung:                   | 24 Monate                                                                                                                                                                                       |

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| Gewicht:                      | 1,70 kg                                                                                                                                                                                                                                                                                  |
| Inhalt:                       | Controller, mounting hardware, basic user manual                                                                                                                                                                                                                                         |
| Kabelverschraubung:           | 1/2" NPT Conduit                                                                                                                                                                                                                                                                         |
| Kommunikation: digital:       | MODBUS RS232/RS485, PROFIBUS DPV1, HART optional                                                                                                                                                                                                                                         |
| Kommunikationsmöglichkeiten:  | Modbus RS232/RS485                                                                                                                                                                                                                                                                       |
| Lagerbedingungen:             | -20 °C - 70 °C                                                                                                                                                                                                                                                                           |
| Montagearten:                 | Wall                                                                                                                                                                                                                                                                                     |
|                               | Pole                                                                                                                                                                                                                                                                                     |
|                               | Panel Mounting                                                                                                                                                                                                                                                                           |
| Relais:                       | Vier elektromechanische SPDT-Kontakte (Form C), 1.200 W, 5 A                                                                                                                                                                                                                             |
| Relais Funktionen:            | Scheduler (Timer), Alarm, Feeder Control, Event Control, Pulse Width Modulation, Frequency Control, and Warning                                                                                                                                                                          |
| Relay: Signalquelle:          | Primary or secondary measurement, calculated value (dual channel only) or timer/scheduler                                                                                                                                                                                                |
| Sensor-Eingang:               | pH/Redox                                                                                                                                                                                                                                                                                 |
| Sicherheitsstufen:            | 2                                                                                                                                                                                                                                                                                        |
| Spannungsversorgung (Hz):     | 50/60 Hz                                                                                                                                                                                                                                                                                 |
| Spannungsversorgung (Volt):   | 24 V DC                                                                                                                                                                                                                                                                                  |
| Sprachen Bedienungsanleitung: | 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 |
| Stromversorgungsoptionen:     | 24 V DC, ohne Stromanschlusskabel                                                                                                                                                                                                                                                        |
| Zertifikate & Zulassungen:    | EMV                                                                                                                                                                                                                                                                                      |
|                               | CE-konform in Bezug auf leitungsgebundene und abgestrahlte Störungen:                                                                                                                                                                                                                    |
|                               | - CISPR 11 (Grenzwerte der Klasse A)                                                                                                                                                                                                                                                     |
|                               | - EMV-Störfestigkeit EN 61326-1 (Industriegrenzwerte)                                                                                                                                                                                                                                    |

## Inhalt

Controller, mounting hardware, basic user manual