



Polymetron 9582 Dissolved Oxygen System with HART Communications, 24 V DC

Product #: 9582.99.75P4

AED Price: Contact Hach

An integral part of the most complete water analytics system for the Power industry. Hach provides a broad range of product options designed to work together into 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 electronic components, a common user interface, and one support team make installation faster and less complicated. Quickly and easily transfer user settings between dissolved oxygen loops.

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. Start-up and maintenance time are minimised with pre-mounted membrane cap and factory pre-conditioned sensors.

Specifications

| | |
|----------------------------------|---|
| Analogue output functional mode: | Linear, Logarithmic, Bi-linear, PID |
| Cable length: | 10 m (33 ft) |
| Calibration method: | Zero: Electrically or with oxygen free water, Slope: in air or against a laboratory measurement |
| Communication capabilities: | Hart |
| Communication: digital: | MODBUS RS232/RS485, PROFIBUS DPV1, HART optional |
| Conduit openings: | 1/2" NPT Conduit |
| Connection drain line: | 8 mm tubing |
| Connections: | 1/4" NPT thread (6mm or 1/4" tubing advised) |
| Detection limit: | < 1 ppb |
| 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 |
| | CAN/CSA C22.2 No. 61010-1 |
| Enclosure waterproof rating: | IP66 / NEMA 4X |
| Flow rate: | 66 - 166 |
| Maintenance interval: | Membrane Lifetime: 6 months depending on sample |
| 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 |
| Measurements: | 0 to 2000 ppb (0-2 ppm) |
| Measuring range: | 0 - 2000 ppb (0-2 ppm) |
| Operating temperature range: | -20 - 60 °C at 0 - 95% RH (non-condensing) |
| Power requirements (Voltage): | 24 V DC |
| 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 |
| Repeatability: | ± 0.5 ppb or ±5%, whichever is greater |
| Reproducibility: | ± 0.5 ppb or ± 2% whichever is greater |
| Response time: | For step change 1-40 ppb: <30s |
| Security levels: | 2 |
| Storage conditions: | -20 °C - 70 °C |
| Temperature compensation: | Automatic in the range of 0 - 45 °C (32 - 113 °F) |
| Units: | mg/L, ppm, µg/L, ppb, mbar, hPa, inch Hg, mmHg |
| Weight: | 3.2 kg |
| What's included?: | Controller, mounting hardware, oxygen sensor, temperature sensor, cable, flow-chamber, basic user manual |

What's included?

Controller, mounting hardware, oxygen sensor, temperature sensor, cable, flow-chamber, basic user manual