

DULCOMETER® Compact

Compact Measurement and Control

The ProMinent® DULCOMETER® Compact analyzer provides precise measurement and control of pH or ORP process variables. The pre-configured Compact can be programmed for either pH or ORP control without having to purchase a separate analyzer. Temperature compensation for pH can be added using an optional PT 1000 sensor. The Compact comes standard with pulse relay for pump control, configurable analog output and configurable power relay.



Applications

- Water and Wastewater treatment
- pH neutralization
- Process control
- Chemical feed

Features & Benefits

- Switch between measured variables pH and redox
- pH sensor monitoring
- P or PID control characteristics
- Temperature compensation of the pH value by temperature sensor input (Pt 1000)
- Compact universal housing
- Illuminated display with three LEDs
- Pulse frequency relay for metering pump control
- Power relay can be configured as an alarm, limit value or pulse
- Analog output 4-20mA can be configured for measuring or control output

ProMinent®

Visit our XTRANET <www.prominentxtranet.com> to:

- sign up for our electronic newsletter
- download literature and manuals
- validate your product warranty

DULCOMETER® Compact

Technical Data

| | | |
|------------------------------|---|------------------|
| Measurement range | pH | 0.00 - 14 |
| | Redox | -1000 - +1000 mV |
| Resolution of pH | pH | 0.01 pH |
| | Redox | 1 mV |
| Correction variable | Temperature for pH via Pt 1000 | |
| Temperature correction range | 32 - 248 °F | |
| Control behavior | P/PID control | |
| Control | Control in one direction (raise/lower) | |
| Signal current output | 1 x 4 - 20 mA electrically isolated max. load 400 Range and assignment (measured or actuating variable) can be set | |
| Control output | 1 pulse frequency output for control of the metering pump 1 relay (alarm or limit value relay or pulse length control) 1 x analog output 4-20mA | |
| Electrical connection | 90 - 253 V | |
| Ambient temperature | 14 - 140 °F | |
| Enclosure rating | NEMA 6 | |
| Dimensions | 5.3" x 4.9" x 2.95" | |
| Weight | 1.1 lbs | |

Ordering Information

Part Number - 7781499* (includes power cord)

*pH & ORP sensors, cable not included

ProMinent®

ProMinent Fluid Controls, Inc. (US)

136 Industry Drive
Pittsburgh, PA 15275-1014
Tel: (412) 787-2484
Fax: (412) 787-0704
eMail: sales@prominent.us
www.prominent.us

ProMinent Fluid Controls Ltd. (Canada)

490 Southgate Drive
Guelph, ON N1G 4P5
Tel: 1-888-709-9933 | (519) 836-5692
Fax: (519) 836-5226
eMail: sales@prominent.ca
www.prominent.ca