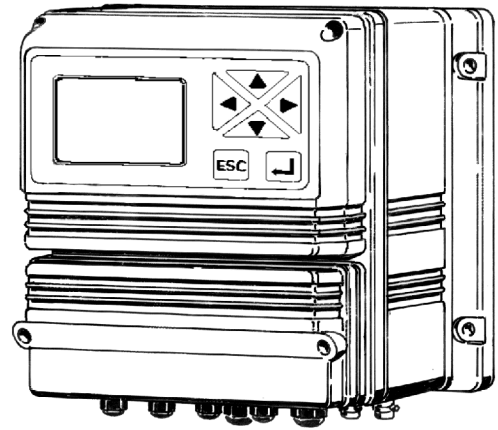


FEATURES

- LCD graphic display with backlight
- Two on/off outputs
- Two digital proportional outputs
- Minum / Maximum reading alarm
- Functions displayed: temperature (n/a probe), date, time and probe reading
- Probe-cleaning output
- Pulse sender water meter input
- Permanent data recording
- Stand-by
- Serial output for modem / printer
- SMS Service with optional GSM modem
- Programmable output: conductivity $0/4 \div 20\text{mA}$ and temperature $0/4 \div 20\text{mA}$
- Two tanks level input
- Flow sensor input
- Probe input
- Password protected access

Microprocessor digital O_2 controller.
Hysteresis control and temperature compensation
On/Off and Digital Proportional operating modes.



ELECTRICAL

INPUT SIGNAL

with block connection

POWER SUPPLY

$90 \div 240 \text{ VAC}$; 50/60 Hz

$9 \div 30 \text{ VDC}$

AVERAGE CONSUMPTION

Average 10 W

ON/OFF OUTPUT

2 relays; 5A @ 230 VAC (fuse protected)

PROPORTIONAL OUTPUT

Pulse output signal, open collector

$0 \div 250$ pulses per minute

ALARM OUTPUT

Free voltage contact (fuse protected)

PROBE CLEANING OUTPUT

1 relay; 5A @ 230 VAC (fuse protected)

CURRENT OUTPUT

2 galvanic isolated. Programmable $0/4 \div 20\text{mA}$ (reading and temperature)

Maximum Load 400Ω

CHEMICAL TANK INPUT

2 contact inputs

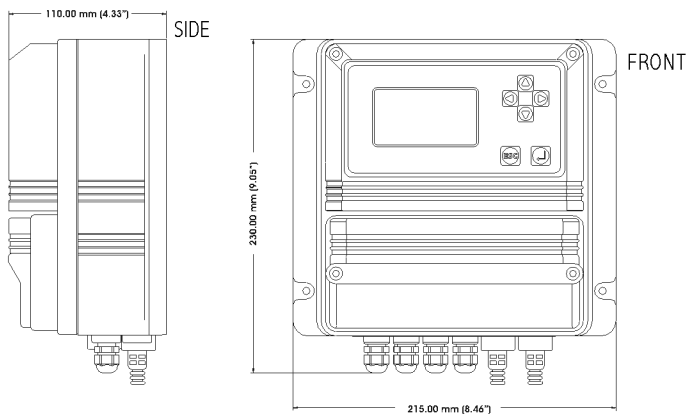
STAND-BY INPUT

1 contact input

DATA OUTPUT

1 serial output for RS232 printer or RS485

DIMENSIONS



ENCLOSURE

IP65 enclosure (NEMA4x)

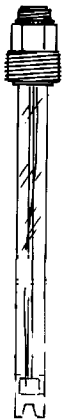
LD02 control instruments are manufactured in ABS housing to ensure protection against aggressive chemicals and tough environment.

ENVIRONMENT

32°F ÷ 122°C

0 ÷ 95% (non condensing) relative humidity

AMPEROMETRIC CELLS



ECL 13

Dissolved Oxygen amperometric cell

Galvanic sensor

Length 3.93ft

Range 0 ... 60 mg/l O₂

Cathode Pt

Anode Ag

4-pole plug head

Temperature compensated (NTC 100KΩ)

Shaft 12mm Ø

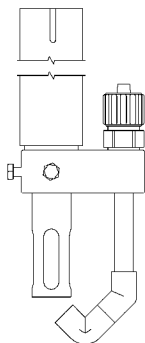
Measure current at saturation about 100nA

Min. approach velocity 10 cm/s

Temperature compensator 41°F ÷ 122°F, max 14 PSI

PG13,5 threading

16.14 ft cable/connector, membrane and 0 mg/l O₂ buffer solution



PECAP/SN6

Submersion probe holder for PG13,5 probes with a compressed air or water cleaning fitting, it can be manually operated or automated by a LD02 Controller.