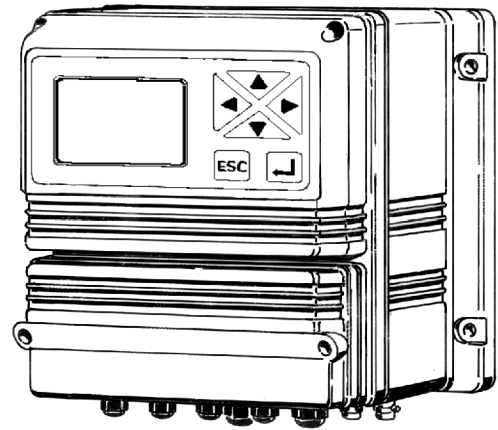


FEATURES

- 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 ÷ 20mA and temperature 0/4 ÷ 20mA
- Two tanks level input
- Flow sensor input
- Probe input
- Password protected access

Microprocessor digital Redox (ORP) controller with hysteresis control.

LDRH offers On/Off and Digital Proportional operating modes.



ELECTRICAL

INPUT SIGNAL

with BNC connector

POWER SUPPLY

90 ÷ 240 VAC; 50/60 Hz
9 ÷ 30VDC

AVERAGE CONSUMPTION

Average 10 W

ON/OFF OUTPUT

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

PROPORTIONAL OUTPUT

Pulse output signal, open collector
0 ÷ 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 ÷ 20mA (reading and temperature)
Maximum Load 400 Ω

CHEMICAL TANK INPUT

2 contact inputs

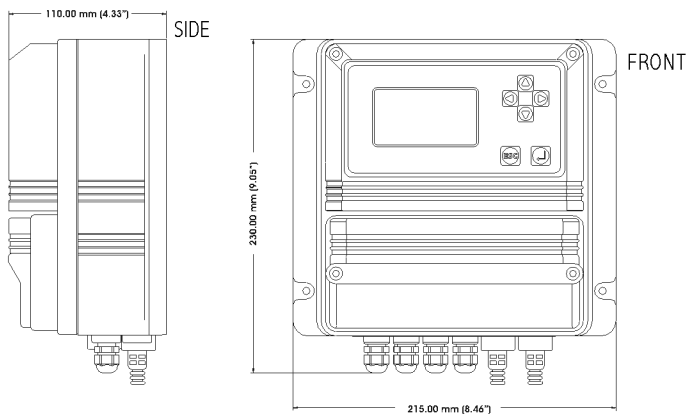
STAND-BY INPUT

1 contact input

DATA OUTPUT

1 serial output for RS232 printer or RS485

DIMENSIONS



ENCLOSURE

IP65 enclosure (NEMA4x)

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

ENVIRONMENT

32°F ÷ 122°F

0 ÷ 95% (non condensing) relative humidity

ORP (REDOX) ELECTRODES

	ERHS	ERHM	ERHL	ERHHL	ERHM/D
Measuring Range	-2000 to +2000 mV	-2000 to +2000 mV	-2000 to +2000 mV	-2000 to +2000 mV	-2000 to +2000 mV
Resolution	1				
Max Pressure/Temperature	101PSI/158°F (50PSI/176°F)	101PSI/158°F (50PSI/176°F)	101PSI/158°F (50PSI/176°F)	87PSI/176°F	101PSI/158°F (50PSI/176°F)
Body	Epoxy	Epoxy	Epoxy	Vetro	Epoxy
Install. Diameter	12 mm	12 mm	12 mm	PG 13,5	PG 13,5
Electrical Connection	BNC	BNC	BNC	BNC	BNC
Cable Length (ft)	2.62 ft	14.76 ft	49.21 ft	32.80 ft	14.76 ft
Features	-	-	-	high linearity	low ionic

	ERHSN6	ERHMD/100	ERHSC	ERHSC/SN6
Measuring Range	-2000 to +2000 mV	-2000 to +2000 mV	-2000 to +2000 mV	-2000 to +2000 mV
Resolution	1			
Max Pressure/Temperature	101PSI/158°F (50PSI/176°F)	101PSI/212°F	101PSI/158°F (50PSI/176°F)	101PSI/158°F (50PSI/176°F)
Body	Epoxy	Epoxy	Epoxy	Epoxy
Install. Diameter	PG 13,5	PG 13,5	12 mm	PG 13,5
Electrical Connection	SN6	BNC	BNC	SN6
Cable Length (ft)	no cable	14.76 ft	14.76 ft	no cable
Features	-	double junction	self-cleaning	self-cleaning