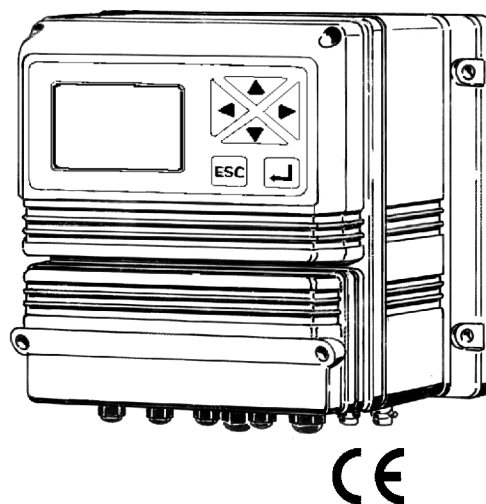


FEATURES

- 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 Conductivity autoranging controller with temperature compensation. The instrument allows to select the conductivity probe and it features hysteresis control. 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

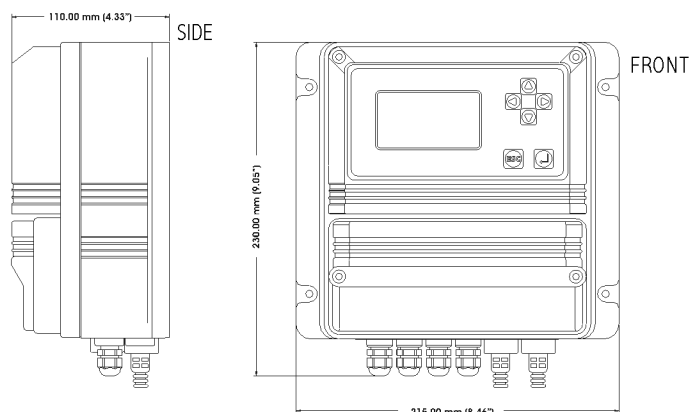
STAND-BY INPUT

1 contact input

DATA OUTPUT

1 serial output for RS232 printer or RS485

DIMENSIONS



ENCLOSURE

IP65 enclosure (NEMA4x)

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

ENVIRONMENT

0°C ÷ 50°C (32°F ÷ 122°F)

0÷95% (non condensing) relative humidity

CONDUCTIVITY PROBES

	ECDHL/01	ECDHL/1	ECDHL/10	ECDC/1	ECDC/10	ECDI/01	ECDI/02	ECDI/1
Measuring Range	0÷200 µS	0,2÷20 mS	20÷200 mS	0÷20 mS	20÷200 mS	0÷200 µS	0÷500 µS	0÷5 mS
Resolution	0,1	0,01	0,1	0,01	0,1	0,1	1	0,01
K Factor	0,1	1	10	1	10	0,1	0,2	1
Max Pressure/ Temperature	7bar/70 °C	7bar/70 °C	7bar/70 °C	7bar/60 °C (0bar/120°C)	7bar/60 °C (2bar/120°C)	7bar/60 °C (0bar/120°C)	7bar/60 °C (0bar/120°C)	7bar/60 °C (0bar/120°C)
Body	Epoxy	Epoxy	Epoxy	PVDF	PVDF	PVDF	PVDF	PVDF
Electrodes	Platinum	Platinum	Platinum	Graphite	Graphite	Stainless steel	Stainless steel	Stainless steel
Diameter	12 mm	12 mm	12 mm	3/4"	3/4" - 1/2"	3/4"	3/4"	3/4"
Probe Length	170 mm	170 mm	170 mm	90	90	80	80	62
Electrical Connection	3 wires	3 wires	3 wires	5 wires	3 wires	3 wires	3 wires	3 wires
Cable Length	4,5 m	4,5 m	4,5 m	4 m	4 m	4,5 m	4,5 m	4,5 m
Equivalent with temp. compensation	ECDHLCPT/1	ECDHLCPT/10	ECDHLCPT/01	ECDCCTPT/1	ECDCCTPT/10	ECDICTPT/01	ECDICTPT/02	ECDICTPT/1

	EICDCPT/001	EICDCPT/01	EICDCPT/1	ECDHTPPT/01	ECDHTPPT/1
Measuring Range	0÷20 µS	0÷200 µS	0÷5 mS	0÷200 µS	0÷5 mS
Resolution	0,01	0,1	0,01	0,1	0,01
K Factor	0,01	0,1	1	0,1	1
Max Pressure/ Temperature	15bar/130 °C	15bar/130 °C	15bar/130 °C	15bar/200 °C	15bar/200 °C
Body	INOX	INOX	INOX	INOX	INOX
Electrodes	INOX	INOX	INOX	INOX	INOX
Diameter	3/4"	3/4"	3/4"	3/4"	3/4"
Probe Length	70	70	70	70	70
Electrical Connection	5 wires	5 wires	5 wires	5 wires	5 wires
Cable Length	4 m	4 m	4 m	4,5 m	4,5 m
Equivalent with temp. compensation	Embedded	Embedded	Embedded	Embedded	Embedded