

## LD MULTICHANNEL - LD MULTICHANNEL PLUS

## Data Sheet

## MULTIPLE READING DIGITAL SYSTEMS

## LDPHCL - LDPHCL PLUS

	LDPHCL	LDPHCL PLUS
MEASURING PARAMETER	pH / chlorine	
RANGE	0-14 pH / chlorine based on probe model <sup>1</sup>	
TEMPERATURE COMPENSATION	Chlorine and PH (with ECL6 only)	
CONTROL	Prop. - On/Off	Prop. - On/Off - PID - Prop.+WM - IN-LINE
INPUT SIGNAL	BNC connector for pH - PCB for Chlorine	
POWER SUPPLY	85-264 VAC; 50/60 Hz	
AVERAGE CONSUMPTION	25 W	
ON/OFF OUTPUT	2 relays; 5A @ 230 VAC (fuse protected)	
ALARM OUTPUT	85-264VAC alarm output	
INPUT	Stand-by Flow PH+ level PH- level Chlorine level PH probe Chlorine probe Temperature probe	Stand-by Flow PH+ level PH- level Chlorine level PH probe Chlorine probe Temperature probe Water meter mA water meter <sup>2</sup>
OUTPUT	2 proportional impulsive (pH) Proportional impulsive (Cl) Proportional on/off (pH) Proportional on/off (Cl) 3 mA output (pH, Cl, temperature) as option <sup>2</sup> Flocculant output (230 VAC) General alarm	2 proportional impulsive (pH) Proportional impulsive (Cl) Proportional on/off (pH) Proportional on/off (Cl) 3 mA output (pH, Cl, temperature) Flocculant output (230 VAC) General alarm
ENVIRONMENT TEMPERATURE	-10°C ... 50°C (14°F ... 122°F)	
PROTECTION	IP65 - % working UR: 85% with ≤40 °C; 70% at 50 °C (non condensing)	
POLLUTION LEVEL	2	
ENCLOSURE	ABS	
TEST/CERTIFICATION	CE	
DIMENSIONS	refer to the drawing	
WEIGHT	1,45 kg (3.1967 lb)	
INSTALLATION	vertical wall (4 fixing holes)	
OPTIONS <sup>2</sup>	<ul style="list-style-type: none"> <li>• mA output</li> <li>• 9-18 or 18-36 VDC power supply</li> <li>• ADVANCED USB configuration <sup>3</sup></li> <li>• ETHERNET configuration <sup>3</sup></li> <li>• GSM/GPRS configuration <sup>3</sup></li> <li>• MODBUS configuration <sup>3</sup></li> <li>• WIFI configuration <sup>3</sup></li> </ul>	<ul style="list-style-type: none"> <li>• mA Water Meter input</li> <li>• POWER SUPPLY 9-30 VDC</li> <li>• ADVANCED USB configuration <sup>3</sup></li> <li>• ETHERNET configuration <sup>3</sup></li> <li>• GSM/GPRS configuration <sup>3</sup></li> <li>• MODBUS configuration <sup>3</sup></li> <li>• WIFI configuration <sup>3</sup></li> </ul>

<sup>1</sup> Chlorine probe:

SCL 3S/20	0-20.00 mg/l
SCL 3N/2	0-2.000 mg/l
SCL 3N/20	0-20.00 mg/l
SCL 3N/200	0-200.0 mg/l
SCL 8/2	0-2.000 mg/l
SCL 8/20	0-20.00 mg/l
SCL 9/200	0-200.0 mg/l
SCL 10/2	0-2.000 mg/l
SCL 10/20	0-20.00 mg/l
SCL 11/200	0-200.0 mg/l
SCL 11/2000	0-2000 mg/l

SCL 2/2	0-2.000 mg/l
SCL 2/20	0-20.00 mg/l
SCL 17/2	0-2.000 mg/l
SCL 17/20	0-20.00 mg/l
SCL 18/2	0-2.000 mg/l
SCL 18/20	0-20.00 mg/l
SBR 20	0-20.00 mg/l
OPEN AMPEROMETRIC CELL	
ECL 4, 5, 6, 6E, 7, 12, 12E	0-10.00 mg/l or Br

<sup>2</sup> On request.<sup>3</sup> For configuration features refer to the table at the end of the document.