

EMEC LD SERIES WALL MOUNTED CONTROLLER

STANDARD FEATURES:

- ABS IP65 WALL MOUNTED CONTROLLER
- 2 ALARM SET-POINT RELAYS
- 2 ON/OFF OUTPUT RELAYS
- 2 PROPORTIONAL PULSE OUTPUTS
- 4-20mA OUTPUT FOR MEASURED VALUE
- STANDBY INPUT
- TANK LEVEL INPUT
- FLOW INPUT
- PROBE CLEANING OUTPUT
- DOSING TIMER
- 2 YEAR WARRANTY*



MODELS:

Model	Function
LDPH	Digital pH meter (0-14 pH). Features two on/off set-points plus two proportional set-points, providing pulse train output for two way pH control via metering pumps, plus 4-20mA read signal out.
LDRH	Digital Redox (ORP) meter (0-1000mV). Features two on/off set-points plus two proportional set-points, providing pulse train output for control of 2 metering pumps, plus 4-20mA read signal out.
LDCL	Digital Free chlorine meter. Features two on/off set-points plus two proportional set-points, providing pulse train output for the control of metering pumps, plus 4-20mA read signal out.
LD CD	Digital Conductivity controller (0-300mS). Features on/off set-point plus proportional set-point, providing pulse train output for the control of metering pumps, plus 4-20mA read signal out.
LD CD HT	Digital Conductivity controller (0-300mS). Features on/off set-point plus proportional set-point, providing pulse train output for the control of metering pumps, plus 4-20mA read signal out. Suitable for temperatures up to 200°C.

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EMEC LD ENCODER SERIES SINGLE READING WALL MOUNTED CONTROLLER

STANDARD FEATURES:

- ABS IP65 WALL MOUNTED CONTROLLER
- STANDBY INPUT
- FLOW INPUT
- TEMPERATURE COMPENSATION WHERE RELEVANT
- 2 ON/OFF ALARM RELAYS
- ON/OFF, PULSE WIDTH PROPORTIONAL OR PROPORTIONAL PULSE CONTROL
- PROBE CLEANING OUTPUT
- DOSING TIMER
- DATA STORAGE WITH INTERNAL LOGGING
- 2 YEAR WARRANTY*



MODELS:

Model	Function
LDSPH	Digital pH Meter (0-14 pH)
LDSRH	Digital Redox (ORP) Meter (0-1000mV)
LDSCCL	Free chlorine/bromine meter, hydrogen peroxide, ozone, paracetic acid. Range based on probe.
LDSCD	Digital Conductivity Controller (0-300µS, 0-3000µS, 0-30mS, 0-300mS)
LDSCDIND	Digital Controller for Inductive Conductivity (0-3000µS, 0-30mS, 0-300mS)
LDSTORBH	Turbidity controller (0-9999NTU)
LDSDO	Dissolved Oxygen Controller (20mg/l O ₂)
LDSTRC	Digital Tracer Controller (0-1000ppm)
LDSFL	Digital Fluoride Controller (0-3ppm, 0-1000mV)

OPTIONS:

Datalogging to USB device
4-20mA signals out for measured value
Remote control by Ethernet. (LAN connection)
Remote control by GSM/GPRS modem (internal) SMS alert, Email alert
MODBUS

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EMEC LD PLUS SERIES

SINGLE READING WALL MOUNTED CONTROLLER

STANDARD FEATURES:

- IP65 WALL MOUNTED CONTROLLER
- EASY CONTROL BY ENCODER WHEEL
- FLOW CONTROL
- INTERNAL DATA STORAGE WITH SYSTEM LOG
- TEMPERATURE COMPENSATION INPUT WHERE RELEVANT
- STAND-BY INPUT
- ALARM OUTPUT
- ON/OFF, IMPULSIVE PROPORTIONAL, PROPORTIONAL PWM, FIXED PWM OR PID CONTROL
- PROBE CLEANING
- 5 OUTPUT RELAYS (2 SETPOINT, 1 ALARM, 1 PROBE CLEANING, 1 CIRCULATION)
- 2 YEAR WARRANTY*



MODELS:

Model	Function
LDSPH PLUS	Digital pH meter (0-14 pH).
LDSRH PLUS	Digital Redox (ORP) meter (0-1000mV).
LDSCCL PLUS	Digital chlorine meter (Total chlorine, free chlorine, Bromine, Hydrogen Peroxide, Ozone, Paracetic acid.) Range depends upon probe selection.
LDSCD PLUS	Digital Conductivity controller (0-300µS, 0-3000µS, 0-30mS, 0-300mS).
LDSCDIND PLUS	Digital Controller for Inductive Conductivity (0-3000µS, 0-30mS, 0-300mS).
LDSTORBH PLUS	Turbidity controller (0-9999NTU).
LDSDO PLUS	Dissolved Oxygen controller (20mg/l O ₂).
LDSTRC PLUS	Digital Tracer Controller (0-1000ppm).
LDSFL PLUS	Digital Fluoride Controller (0-3ppm, 0-1000mV).

OPTIONS:

mA Water Meter Input.
Datalogging to USB device.
4-20mA signals out for measured value.
Remote control by Ethernet.
Remote control by GSM/GPRS modem (internal) SMS alert, Email alert, HTTP: remote control).
MODBUS

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EMEC LD SERIES DUPLEX WALL MOUNTED CONTROLLER

STANDARD FEATURES:

- ABS IP65 WALL MOUNTING CONTROLLER
- TWO PARAMETERS
- EASY CONTROL BY ENCODER WHEEL
- FLOW CONTROL
- INTERNAL STORAGE WITH SYSTEM LOG
- TEMPERATURE COMPENSATION WHERE RELEVANT
- STANDBY INPUT
- ON/OFF, IMPULSIVE PROPORTIONAL, PROPORTIONAL PWM OR FIXED PWM CONTROL
- ALARM OUTPUT
- 2 YEAR WARRANTY*



MODELS:

Model	Function
LDPHRH	Digital pH meter (from 0-14pH), and redox meter (from 0-1000mV)
LDPHCL	Digital pH meter (from 0-14pH), and Chlorine meter (configurable for Bromine)
LDPHCLH	Digital pH meter (from 0-14pH), and Chlorine meter (with PID Control)
LDPHCD	Digital pH meter (from 0-14pH), and Conductivity
LDPHCDIND	Digital pH meter (from 0-14pH), and Inductive Conductivity
LDPHTORBH	Digital pH meter (from 0-14pH), and Turbidity
LDPHTRC	Digital pH meter (from 0-14pH), and Tracer
LDPHFL	Digital pH meter (from 0-14pH), and Fluoride

OPTIONS:

When ordering you can specify any custom parameter combination.
Datalogging to USB device
4-20mA signals out for measured value
Remote control by Ethernet (LAN connection)
Remote control by GSM/GPRS modem (internal) SMS alert, Email alert
MODBUS

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