

WLCDA-XX

WATER LEVEL CONTROLLER AND DATALOGGER WITH ALARM



VISIT US



BLUETOOTH

Configured with Bluetooth 4.0
Serial Bluetooth profile

DATALOGGER

Stores water level, relay status to .csv file using
on-board Real Time Clock (RTC)

DIN RAIL MOUNT

Includes DIN rail mount for industrial mounting

9, 12 & 24VDC

Different voltage versions according to
your needs

RELAY

Up to 16A 25VAC and 16A 30VDC

4/20mA

Hidrostatic 4/20mA level sensors with unlimited
water depth range

WLCDA-XX

PRODUCT DESCRIPTION

// WLCDA-XX is a high performance commercial water level controller designed to replace water float switching sensors and contactors with more robust 4/20mA water level sensors.

// Up to three 4/20 mA water level sensors and up to three relay outputs to control water valves.

// Optionally an additional relay can be used to signal alarm systems. This alarm indicates faults in the sensors and that the water level is out of bounds (min and max).

// Additionally, a buttons can be added in order to suspend the ongoing alarm.

// It includes an optional datalogger that stores information of the water levels and control outputs to a SD card, and by using the onboard RealTime-Clock (RTC), the data is stored with timestamp in ISO format.

// The device is configured via Bluetooth 3.0 serial profile.

KEY FEATURES

HARDWARE

Power	9VDC 0.2A (WLCDA-09), 12VDC 0.15A (WLCDA-12), 24VDC 0.1A (WLCDA-24)
Inputs	Three Buttons normally high, four 4/20mA inputs
Outputs	Four Omron G2R-1-E XX VDC, 4x(1NO, 1NC)
Status LEDs	One Status, One Alarm, Four Relay (Three Valve relays, One Alarm relay)
Operating temperature	-25 C° to 70 C°
Housing	Plastic Enclosure with DIN rail mounting, 5mm terminal block.
Dimensions (W x H x D)	95 mm x 110 mm x 45 mm
Weight	250 g

SOFTWARE

Datalogger	SD card with FAT filesystem up to 16GB in memory.
Bluetooth 4.0	Bluetooth 4.0 serial profile programmable

