

# Programmable Controller For Ultrasonic Sensors Series: DCR-1006A



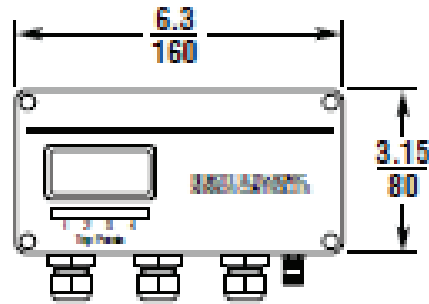
The DCR-1006A controller works together with our MNU or DST ultrasonic sensors as well as the MPX level probe to allow simple level monitoring and control without the need of a more advanced system. This system performs reliably to meet your application needs today. With several sensors to choose from, and a variety of mounts, ranges, and outputs, there are plenty of options for your application needs.

## Features

- 4 buttons for easy programming
- 4-20 mA and relay outputs
- Controller and sensor can be separated up to 2000 ft (650 m)
- Microprocessor with E<sup>2</sup> memory retains settings on power loss



# DCR-1006A Specifications



## Performance

### Outputs

- 4 Relays
- 4-20 mA
- RS-485 (MODBUS/RTU) interface

## Connectivity

### Inputs:

- MNU/MPX Sensor (RS-485)
- DST Sensor
- 1 Dry contact

### Method:

- Terminal Strips

### Internet Connectivity:

- RST-5003

## Certification

- NEMA 4X, IP66

## Electrical

- Supply voltage: 100 - 240 VAC
- 24 VDC

## Programming

- Programmable 4 Button Keypad
- APG Modbus Software (RS-485)

## Physical

### Display

- 5 digit with 6 Character description field
- Back light

### Housing

- Polycarbonate

## Environmental

- Ratings: NEMA 4X, IP66
- Operating Temp: -22° - 140°F (-30° - 60°C)

# Model Configuration Options

Model Number: DCR- \_\_\_\_\_  
A

## A. Model

## Outputs

- 1006A** Modbus, 4 relays and 4-20 mA output
- 1006A-F** Modbus, 4 relays and 4-20 mA output

## Inputs

- MNU/DST Sensor and 1 dry contact
- DST Sensor with F connector and 1 dry contact for DST with coax cable

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## DCR Accessories

Please order separately, by part number.

Description	Part Number
<b>Order one sensor per controller</b>	
MNU-5414	125765
MNU-2424	125740
MNU-3434	125726
DST-2421	125646
DST-3431	125659
DST-5111	125607
DST-9421	125647
MPX-E4/R4 (see MPX datasheet, Options section)	Configure to order
<b>Internet Module</b>	
RST-5003	

