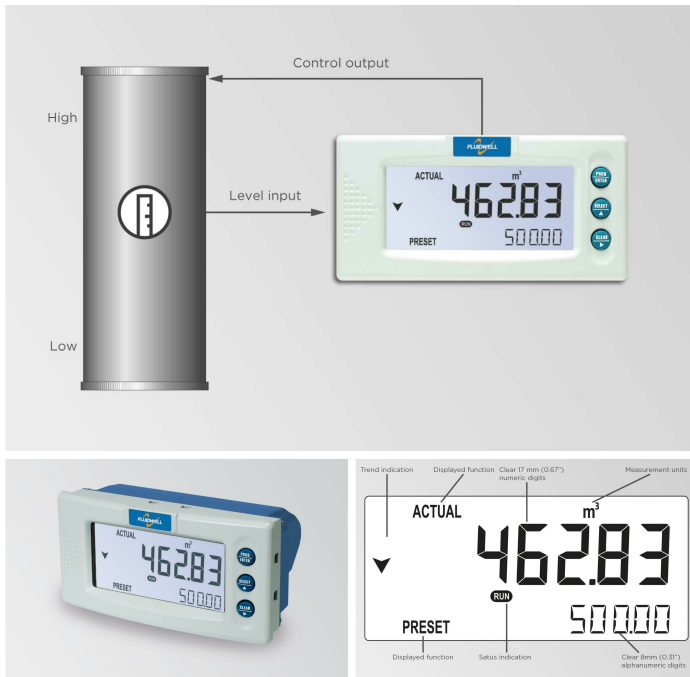


# D074 DIN Panel mount - Level / Pump Controller

with one control output



## Features

- Level control: high / low switch points and a preset value can be set.
- Displays actual level, switch points, status and preset value.
- Switch points and preset value can be set by the operator or being password protected.
- Level: six large 17mm (0.67) digits.
- Selectable on-screen engineering units for level: L, m<sup>3</sup>, GAL, USGAL, kg, lb, bbl or no unit.
- Auto backup of all settings.
- Ambient temperature: -40°C to +80°C (-40°F to 176°F).
- LED backlight option.
- Easy configuration with clear alphanumeric display.
- Aluminum DIN front panel of 144 x 72mm (5.67" x 2.83") according DIN 43700 / IEC 61554.
- Various [accessories](#) are available for this product.

## Product description

The D074 is a basic, panel mount level / pump controller that works with a preset value and two switch points to control a pump or valve. The low and high level switch points are entered as a percentage of the preset value to switch the device on / off. For pump control applications, the function can be inverted to empty a well. A stable level within a hysteresis around the preset value is the result.

## Advantages

- Unique, robust IP66, IP67 (NEMA Type4X) panel mount front enclosure made of die cast aluminum, allowing even big jets of water and total immersion.
- Familiar easy operation with the Fluidwell "Know one, know them all" configuration structure, saving time, cost and aggravation.

## Applications

- The D074 fits in basic on / off level control applications (e.g. for filling-up a container) without PI(D) control.
- Very suitable when the required level changes frequently (e.g. for emptying a well or tank).
- The D-Series is a DIN-sized display and the **better alternative** for your existing, not waterproof, front panel mount indicators in extreme weather outdoor applications or e.g. in food industries where working environments are often cleaned with powerful water jets.

# Product specifications

## Signal Inputs

### Level Inputs

- (0)4 - 20mA.
- 0 - 10V DC.

## Supply

### Power Supply

- Basic: 8 - 30V DC (no real sensor supply).
- Long life Lithium battery.
- 4 - 20mA input Loop-powered.
- 24V AC/DC + sensor supply.
- 115 - 230V AC + sensor supply.

### Sensor Supply

- 8.2, 12 & 24V DC.

## Signal Outputs

### Alarm outputs

- None.

### Analog outputs

- None.

### Control outputs

- Function: One on / off control output (e.g. for pump or valve control), according to the high / low level switch point values..
- Type: One passive signal output, an active signal output or a robust, highly isolated (NO/NC) relay.

## Hazardous Area

### Intrinsically Safe

- For Intrinsically Safe applications we recommend the [F-Series](#).

## Communication

- Modbus communication available on [F1-Series](#) products.
- HART communication is available with the [F018](#) Flow rate Monitor / Totalizer.



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We're happy to answer any questions about our products and services.  
Just send us an email or give us a call.