

# D014 DIN Panel mount - Flow rate Indicator / Totalizer

with pulse signal output



## Features

- Displays flow rate, total and accumulated total.
- Large 17mm (0.67") digits for flow rate or total.
- Selectable on-screen engineering units; volumetric or mass.
- Ability to process all types of flowmeter signals.
- Auto backup of settings and running totals.
- 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 D014 is a panel mount indicator / transmitter to display the actual flow rate, total and accumulated total. The total can be reset to zero by pressing the CLEAR button twice. The non-resettable accumulated total can register up to 11 digits and is backed-up in EEPROM memory every minute, just as the running total. Related to the accumulated total, a scaled pulse is generated for re-transmitting the count on the display.

## 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 D014 fits in flow measurement applications where re-transmission of the totalizer function is required.
- 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

### Flowmeter Inputs

- Pulse type inputs:  
Reed-switch, NAMUR, NPN/PNP pulse, Sine wave (coil), active pulse signal.
- (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

- 1.2 / 3V DC.
- 8.2, 12 & 24V DC.

## Signal Outputs

### Pulse outputs

- Function: Scaled pulse output according to accumulated total (e.g. one pulse every 3.25 gallons).  
Max. frequency: 500Hz.  
Adjustable pulse length from 1 msec. to 10 seconds.
- Type: One passive signal output, an active signal output or a robust, highly isolated (NO/NC) relay.

### Alarm outputs

- None.

### Analog outputs

- None.

## Hazardous Area

### Intrinsically Safe

- For Intrinsically Safe applications we recommend the F-Series.

### Explosion Proof

- For Explosion Proof applications we recommend the E-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.