

D013 DIN Panel mount - Flow rate Monitor / Totalizer

with high / low alarm output



Features

- Displays flow rate, total, accumulated total and flow rate alarm messages.
- Two alarm values can be entered: low and high flow rate alarm.
- Selectable on-screen engineering units; volumetric or mass.
- Large 17mm (0.67") digits for flow rate or total.
- 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).
- Red flashing LED backlight in case of a flow rate alarm.
- 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 D013 is a versatile, panel mount flow rate indicator and totalizer with continuous flow rate monitoring feature. It has one low flow rate and one high flow rate alarm value. If desired, an alarm ignore (delay) function can be set up to allow for an incorrect flow rate for a certain period of time.

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 D013 fits in flow measurement applications where continuous flow rate monitoring is important without signal re-transmission.
- 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

- None.

Alarm outputs

- Function: Configurable alarm output for high, low or both combined flow rate alarms.
- Type: One passive signal output, an active signal output or a robust, highly isolated (NO/NC) relay.

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.