D012

DIN Panel mount - Flow rate Indicator / Totalizer

displays flow rate and total simultaneously

Flowmeter input

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 alphanumerical 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 D012 is a panel mount indicator to display the actual flow rate, total and accumulated total. The total can be reset to zero by pressing the CLEAR button twice. The eleven digit accumulated total however can not be reset to zero. The measuring unit to be displayed is simply selected through an alfa-numerical configuration menu. No adhesive labels have to be put on the outside of the enclosure: a weather proof and userfriendly solution!

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 D012 fits in flow measurement applications where flow rate indication and totalizer function is required 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
- 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.