

# F011 **Safe area / Intrinsically safe - Totalizer**

with resettable total and non-resettable accumulated total



## Features

- Displays total and accumulated total simultaneously.
- Total - resettable: seven 17mm (0.67") digits.
- Accumulated total - not resettable: eleven 8mm (0.31") digits.
- Selectable on-screen engineering units for total: ml, L, m<sup>3</sup>, GAL, USGAL, kg, lb, bbl or no unit.
- LED backlight with adjustable intensity.
- Auto backup of settings and running totals in EEPROM memory.
- Intrinsically safe according ATEX, IECEx, FM and CSA C-US.
- GRP, Aluminum or high grade stainless steel enclosure.
- Easy configuration with clear alphanumeric display.
- Ambient temperature: -40°C to +80°C (-40°F to 176°F).
- Various [accessories](#) are available for this product.

## Product description

The F011 is a local indicator which displays the running total and accumulated total simultaneously. Total can be reset to zero by pressing the CLEAR button twice. The accumulated total can register up to 11 digits and is backed-up in EEPROM memory every minute, just as the running total. The measuring unit to be displayed is simply selected through an alphanumeric configuration menu. No adhesive labels have to be put on the outside of the enclosure: a weather proof and user-friendly solution!

## Advantages

- Robust aluminum or stainless steel 316L field enclosure (IP65, IP67 / NEMA Type4X) . It is so rugged, a truck can even stand on it!
- Intrinsically Safe available - ATEX, IECEx, FM and CSA approval for gas and dust applications.
- Familiar easy operation with the Fluidwell "Know one, know them all" configuration structure, saving time, cost and aggravation.
- Very diverse mounting possibilities: walls, pipes, panels or directly onto outdoor sensors.

## Applications

- Flow measurement where a local totalizer function is required without flow rate or signal re-transmission functionality.
- The F-Series is your first and best choice for field mount indicators in safe and hazardous area

applications. Especially in harsh weather conditions like rain, snow, sandy deserts, salty atmospheres and temperatures between -40°C up to +80°C (-40°F up to 176°F).

## Product specifications

### Signal Inputs

#### Flowmeter Inputs

- Pulse type inputs:  
Reed-switch, NAMUR, NPN/PNP pulse, Sine wave (coil), active pulse signal.
- (0)4 - 20mA.

### Supply

#### Power Supply

- Long life Lithium battery.
- 4 - 20mA, input Loop-powered.
- 8 - 24V AC/DC.
- 115 - 230V AC.
- Basic: 8 - 30V DC.

#### Sensor Supply

- 3.2, 8.2, 12, 24V DC.

### Signal Outputs

#### Pulse outputs

- None.

#### Alarm outputs

- None.

#### Analog outputs

- None.

### Hazardous Area

#### Intrinsically Safe

- **ATEX:**  
Gas: II 1 G Ex ia IIC T4 Ga  
Dust: II 1 D Ex ia IIIC T<sub>200</sub> 100 °C Da
- **IECEX:**  
Gas: Ex ia IIC T4 Ga  
Dust: Ex ia IIIC T<sub>200</sub> 100 °C Da
- **CSA & FM:**  
I.S. Class I/II/III, Div 1, Grp A...G, T4  
Class I, Zone 0, AEx ia IIC T4 Ga  
**Note:** Extended aluminum enclosures not available with CSA/FM approval.

#### Explosion Proof

- **ATEX/IECEX:**  
Gas: II 2 G Ex db IIB+H2 T5 Gb  
Dust: II 2 D Ex tb IIIC T80°C Db

### 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.