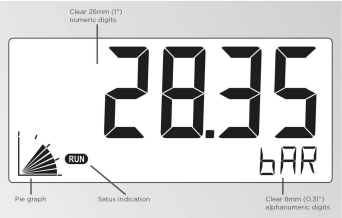
Your success counts

F050

Intrinsically Safe - Pressure Indicator

with very large digits



Features

- Displays actual pressure and measuring unit.
- Very large 26mm (1") high digits for pressure.
- Selectable on-screen engineering units: mBar - Bar - PSI.
- Number of digits for pressure: 5½.
- Piegraph indication: ten segments.
- LED backlight with adjustable intensity.
- Intrinsically safe according ATEX, IECEx, FM and CSA C-US.
- GRP, Aluminum or high grade stainless steel enclosure.
- Auto backup of settings in EEPROM memory.
- Easy configuration with clear alphanumerical display.
- Ambient temperature: -40°C to +80°C (-40°F to 176°F).
- Various accessories are available for this product.

Product description

The F050 is a straight forward pressure indicator with large 26mm (1") high digits. The measuring unit to be displayed below the pressure 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!
The configuration of the Span, off-set and number of decimals is done through software functions, without any sensitive DIP-switches or trimmers.

Advantages

- Robust aluminum or stainless steel 316L field enclosure (IP66, 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

- Applications where a basic pressure measurement display is required without pressure monitoring or signal re-transmission.
- 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

Pressure Inputs
- (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
- 8.2, 12, 24V DC.

Signal Outputs

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 T100°C Da
- IECEx:
  Gas: Ex ia IIC T4 Ga
  Dust: Ex ia IIIC T100°C Da
- CSA:
  I.S. Class I/II/III, Div 1, Grp A...G, T4
  Class I, Zone 0, AEx ia IIC T4
- FM:
  I.S. Class I/II/III, Div 1, Grp A...G, T4
  Class I, Zone 0, AEx ia IIC T4

Explosion Proof
- ATEX:
  Gas: II 2 G / Ex d IIB T5 Gb
  Dust: II 2 D / Ex t IIIB T100°C Db

Communication

- Modbus communication available on F1-Series products.

- HART communication is available with the F018 & E018 Flow rate Monitor / Totalizers.

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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.