

Series 101 GL Flow Totalizers



Head Mount



Remote Mount

GENERAL SPECIFICATIONS

- Display: Large LCD 3.5 " x 1.5 " , with seven 5/8" and eleven 5/16" digits.
- Control Buttons: Three touch buttons on U.V. resistant polyester keypad.
- Casing: High Impact, U.V. resistant, flameproof ABS – IP 65.
- Dimensions: 5 1/8" (130) x 4 1/2 " (114) x 2 3/4 " (71) l x h x d (mm)
- Operating Temp.: -20 to 70 °C (-4 to +158 °F)
- Configuration: Configuration is done at SET UP level.
- Password: All settings can be password protected.
- Data Protection: EEPROM back up of all settings. Accumulated Total backed up every minute.
- Input Frequency: 0.01 Hz to 10 kHz.
- Selectable Units: TOTAL: USGAL, bbl (barrels), L, m3, kg, lb or no unit in 5/8" digits.
FLOWRATE: USGAL, bbl (barrels), cf, L, m3, kg, lb or no unit in 5/16" digits
TIME UNITS: second / minute / hour / day.
- Tag Number: A seven-digit identification number can be entered for screen notification
- Environment: EMC compliant per EN50081 and EN50082.



Panel Mount

MODELS

101 Totalizer and Flow Rate Indicator

- Features: Totalizer and Flow Rate indication with Linearization.
- Power: 3 V Lithium Battery (average life 5 years); 8 – 28 V ac/dc supply can also be used.
- Information: Total, Flow Rate, Accumulated Total and measurement units
Total can be reset to zero. Accumulated Total is not resettable

101I Suitable for Hazardous Area Installation. Eex ia IIC T4.



JLC International, Inc.
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101A Totalizer and Flow Rate Indicator with Analogue and Pulse output

Features: Totalizer and Flow Rate indication with Linearization.
4 – 20 mA output in relation to Flow rate.
Pulse output in relation to Accumulated Total.

Power: 3 V Lithium Battery (average life 5 years); 8 – 28 V ac/dc supply
or 4 – 20 mA loop (28 V max) can be used.

Information: Total, Flow Rate, Accumulated Total and measurement units.
Total can be reset to zero. Accumulated Total is not resettable.

101A Suitable for Hazardous Area Installation. Eex ia IIB T4.

101B Totalizer and Batch Controller with Pulse output

The operator can enter a preset batch value easily or execute repeated batches. During the batch run, the preset batch value is displayed as well as the batched quantity and units of measurement. An overrun correction ensures an accurate batch quantity. The running batch quantity (5/8" digits) can be set to count up or down. Two transistor outputs are available for either 1) pulse output and one-stage batch control or 2) two-stage batch control.

Features: Preset Batch Value indication.
Overrun correction.
Pulse output mirroring count on display.
One or Two-stage batch control.

Power: 3 V Lithium Battery (average life 5 years); 8 – 28 V AC/DC supply

Information: Preset Batch Value, Quantity Batched, Total, Accumulated Total and measurement units.
Total can be reset to zero. Accumulated Total is not resettable.

101B Suitable for Hazardous Area Installation. Eex ia IIB T4.

101C Totalizer and Flow Rate Indicator with Alarm outputs

Features: Totalizer and Flow Rate indication
High and Low Alarm Flow rate Monitoring
Two Alarm Outputs
4 – 20 mA output in relation to Flow rate.

Power: 3 V Lithium Battery (average life 5 years); 8 – 28 V AC/DC supply

Information: Total, Flow Rate, Accumulated Total, Alarm Points and measurement units
Total can be reset to zero. Accumulated Total is not resettable

101C Suitable for Hazardous Area Installation. Eex ia IIB T4.



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101D Totalizer, Flow Rate and Direction of Flow Indicator

Features: Totalizer and Flow Rate indication
Quadrature input for bi – directional measurement
4 – 20 mA output in relation to Flow rate
Pulse output in relation to Accumulated Total
Flow Direction output.

Power: 3 V Lithium Battery (average life 5 years) or 8 – 28 V AC/DC supply

Information: Total, Flow Rate, Accumulated Total, Flow Direction and measurement units
Total can be reset to zero. Accumulated Total is not resettable

101DI Suitable for Hazardous Area Installation. Eex ia IIB T4.

F/I (2) Frequency / mA Converter

Features: 4 – 20 mA output in relation to Flow rate
Blind box head or remote mounted

Power: 4 – 20 mA loop (28 V max)

F/I (4) Frequency / mA Converter

Features: 4 – 20 mA output in relation to Flow rate
Blind box head or remote mounted

Power: 8 – 28 V AC/DC

F/V Frequency / Volt Converter

Features: 0 – 10 Vdc output in relation to Flow rate
Blind box head or remote mounted

Power: 8 – 28 V AC/DC

Options (available on models 101A, 101B, 101C and 101D):

PS 80 – 230 V AC Power Supply
MC Modbus Communication RS 485

Order Code: Model / (Option)

e.g.: 101A / PS



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