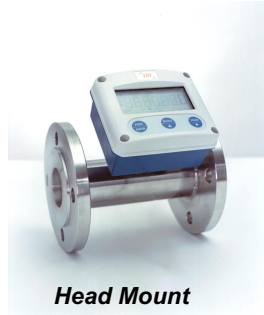


101 Totalisers



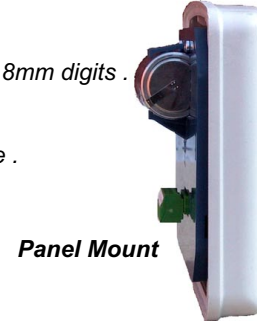
Head Mount



Remote Mount

GENERAL SPECIFICATIONS

- Display** : Large LCD 40mm x 90mm , with seven 17mm and eleven 8mm digits .
- Control Buttons** : Three touch buttons on U.V. resistant polyester key pad .
- Casing** : High Impact , U.V. resistant , flameproof ABS – IP 66 case .
- Dimensions** : 130mm x 114mm x 71mm (L x H x D) .
- Operating Temperature** : - 20 ° C to +70 ° C .
- 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 : L , GAL , bbl (barrels) , m³ , kg , lb or no unit in 0.67 “ digits .
: FLOWRATE : L , GAL , bbl (barrels) , cf , m³ , kg , lb or no unit in 0.32 “ digits
: TIME UNITS : / second , / mminute , / hour or / day .
- Tag Number** : A seven digit identification number can be entered for Screen notification .
- Environment** : EMC compliant ref : EN50081 and EN50082 .



Panel Mount

MODELS

101 Totaliser and Flow Rate Indicator

- Features** : Totaliser and Flow Rate indication with Linearisation .
- Power** : 3 V Lithium Battery (average life 5 years) , although an 8 – 28 V D.C. supply can be connected .
- Information** : Total , Flow Rate , Accumulated Total and measurement units .
Total can be reset to zero . Accumulated Total is not resettable .

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

101 a Totaliser and Flow Rate Indicator with Analogue and Pulse output

- Features** : Totaliser and Flow Rate indication with Linearisation .
4 – 20 mA output in relation to Flowrate .
Pulse output in relation to Accumulated Total .
- Power** : 3 V Lithium Battery (average life 5 years) , although an 8 – 28 V A.C. / D.C. supply or 4 – 20 mA loop (28 V max) can be connected .
- Information** : Total , Flow Rate , Accumulated Total and measurement units .
Total can be reset to zero . Accumulated Total is not resettable .

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

101 b Totaliser and Batch Controller with Pulse output

This Batch Controller is a straight forward device offering exactly what is required for the majority of applications . 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 (0.67 “ 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) , although an 8 – 28 V A.C. / D.C. supply can be connected .

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

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

101 c Totaliser and Flow Rate Indicator with Critical Alarm output

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

Power : 3 V Lithium Battery (average life 5 years) , although an 8 – 28 V A.C. / D.C. supply can be connected .

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

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

101 d Totaliser , Flow Rate and Direction of Flow Indicator

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

Power : 3 V Lithium Battery (average life 5 years) , although an 8 – 28 V A.C. / D.C. supply can be connected .

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

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

Options (available on models a , b , c and d)

PS : 80 – 230 V A.C. Power Supply

MC : Modbus Communication RS 485

Order code : Model / (Option)