



Head Mount



Remote Mount

101 Totalisers

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) , m ³ , kg , lb or no unit in 0.67 " digits . : FLOWRATE : L , GAL , bbl (barrels) , cf , m ³ , kg , lb or no unit in 0.32 " digits : TIME UNITS : / second , / minute , / 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 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)

e.g. : 101a / PS

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