



# Solutions Per Applications

## Flow Integrator totaliser FT-101-M

SERIES FT-101-M



SPA instrument series FT-101 Flow Integrator totaliser is a digital panel instrument designed with universally accepted microcontroller. It's a microcontroller based instrument having facility to programme the instrument parameters from front & hence its very versatile & useful instrument.

This instrument is front programmable for input type i.e. linear or square root. Range, Batch or Flow rate set points are also user programmable. Password protection facility provides limited access to defined users.

<p><b>Input Specifications :</b>          Input : 4-20 MADC          Input Impedance : 100 Ohms</p> <p><b>Display specifications</b>          Flow rate display : 0.5", 4 digit 7 segment RED LED          Resolution : 1.0%, 3&amp;1/2 digit          Accuracy : +1% of full scale          Counter display : 8 digit 7 segment GREEN LED          Range : Programmable.          Accuracy : <math>\pm 0.25\%</math> of Full Scale.</p> <p><b>Retransmission Output(optional)</b>          Current output : 4 to 20 mA.          Loop Load : 600 Ohms</p> <p><b>Alarm Set-points</b>          Setting : 2 No, key-pad programmable(Hi,Lo), One for Flow Rate &amp; one for Batch</p> <p><b>Relay Contact Specifications</b>          Relays : 1 NO + 1NC on each set-point.          Contact rating : 230 V AC, 50 Hz. Resistive Load          Rly o/p mode : 1. Pulse type(field selectable)          2. Latch type(field selectable)</p>	<p><b>Communication Specifications(optional):</b>          Com. port : RS 485          Protocol : Modbus RTU</p> <p><b>Mains Supply Specifications :</b>          Mains Supply : 230 V AC, 50 Hz. <math>\pm 10\%</math></p> <p><b>Mounting &amp; Dimensional Specifications :</b>          Mounting : Panel.          Cutout :  <i>Option 1.</i> : 92 x 92 mm.square          Bezel size : 96(H)x 96(W) mm          Depth : 200 mm  <i>Option 2.</i> : 68 x 138 mm Vertical          Bezel Size : 72(H) x 144 (W) mm          Depth : 103 mm          Enclosure : MS Powder Coated</p> <p><b>Environmental Specifications:</b>          Operating Temp: 0-50 degC          Humidity : Up to 90% Rh non condensing</p> <p><b>Note :</b> Retransmission 4-20mA or RS 485 com. port is available one at a time. Please conform your choice at the time of ordering</p>
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AN ISO 9001: 2008 company

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