

Inline Flow Meter for smallest flow resolutions

The micro flowmeter is an inline flow meter for smallest flow resolutions up to 1 cc and above upto 10000 cc. With this new generation flow meter ,adapts the assets of the calorimetric principle especially onto the micro flow range.

- Smallest sensor pipes
 - Undisturbed inline flow
 - For Gas media
 - Detection of smallest flows upto Medium Flows.
 - Compact, no additional parts needed
- End Connections 4mm,6mm,8mm,12mm
(1/4 Inch,1/2 Inch,1 Inch)



Technical Data		
Type	MFML- M1	MFML-M2
pipe diameter	6mm ¼ Inch	½ Inch
Measuring range	0 to 1000 cc/min	0 to 10000 cc/min
Sensor Data		
Range adjustment	By Default Adjusted	
Medium	For Gases.	
Medium temperature	0 to +50 Deg.Cel	
Ambient temperature	0 to +50 Deg.Cel	
Linearity deviation	+/- Max .2 % F.S	
Repeatability tolerance	< 2%	
Temperature drift	< 0.5 % / C	
Mechanical data		
Protected standard	IP 65,IP 68 , As Required Offered	
Operating pressure	max.10 bar	
Housing	Aluminium Aluminium Enclosure	
Inline – sensor pipe	Stainless steel 304,316 Can Be Modified or Designed as Required For Different Applications	
Turndown Ratio	1: 50	
End Connections	As Needed,4mm ,6mm.8mm,10mm,12mm,14mm,16mm.20mm,25mm	
Electrical connection	3 Pin Connector to Display Unit	
Electrical data		
Voltage supply	230 V AC or 24 VDC ± 10%	
Current consumption	max. 100mA	
Output current	0-10 V DC or 4-20 mA	
Display	External Display,10 meters Cable Offered	