

Flow Controller

MFC-1058



TECH SPECS

Model	MFC-1058						
Dimension (HxWxD) mm	96 x 96 x 54						
Panel Cutout	92 x 92						
Input	4-20mA DC/ Pulse Input (Factory Set)						
Range	0 To 99999999 total flow (DP Auto sift) 0 To 99999 Flow rate (DP Selectable)						
Output	<table border="0"> <tr> <td>Output 1</td> <td>2 Relay 1 C/O, 5A@230V AC</td> </tr> <tr> <td>Output 2</td> <td>0-10V DC, 4-20mA DC (Retransmission Supply)</td> </tr> <tr> <td>Output 3</td> <td>24V DC,30mA DC _(max) (Transmitter Supply)</td> </tr> </table>	Output 1	2 Relay 1 C/O, 5A@230V AC	Output 2	0-10V DC, 4-20mA DC (Retransmission Supply)	Output 3	24V DC,30mA DC _(max) (Transmitter Supply)
Output 1	2 Relay 1 C/O, 5A@230V AC						
Output 2	0-10V DC, 4-20mA DC (Retransmission Supply)						
Output 3	24V DC,30mA DC _(max) (Transmitter Supply)						
Power Supply	100-250V AC, 50/60 HZ						

APPLICATIONS

Water Sewage Plant

Chemical & Pharma

Technical Specifications

Input

Input Type	Current Voltage	4 to 20mA DC (Linear) 0 to 10V DC (Linear) Pulse Input (Linear)
Accuracy		± 1% of FSD
ADC Resolution		14 bits
Display Resolution		Current : 1 mA Voltage : 1 V
Sample Rate		1 Second
Response Time		1 Second
Temperature Coefficient		< 100 ppm

Display & Keys

Display		2 line, 7 segment LED display Upper display : 8 digit, 0.4" Lower display : 5 digit, 0.4"
Rate Indication Range		Range Programmable 0-99999
Decimal Point		Adjustable
Totalizing Range		0-99999999
Keys		4 Keys : SET, UP, DOWN, ENTER / RESET

Power Supply

Standard		100 - 250V AC @ 50/60 Hz
Optional		24V DC
Consumption		4VA

Environmental

Operating Temperature		0 to 55° C
Storage Temperature		0 to 70° C
Humidity		95% RH Non-condensing
Protection		IP 65 (Front Side)

Output

Relay Control Output

2 Relays		Programmable for Flow Rate Or Total Flow
Relay		2 (NO - C - NC)
Rating		5A @230V AC / 28V DC Resistive Load
Transmitter Supply		24V DC, 30mA DC (max)

Analog Output (Retransmission)

Current		Isolated 4 to 20mA DC
Voltage		0 to 10V DC

Communication

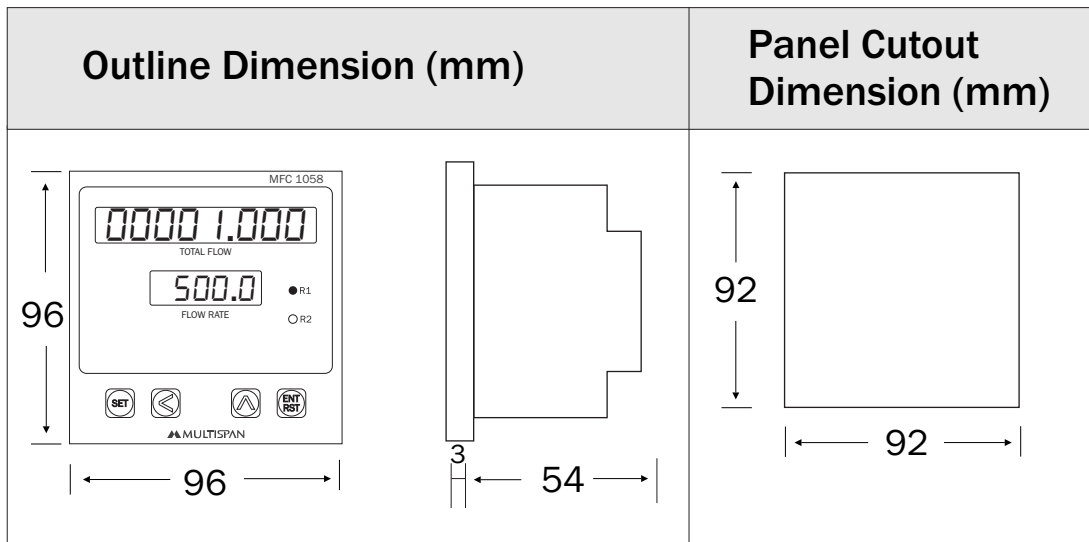
Type		RS 485
Protocol		MODBUS RTU
Baud Rate		4800, 9600, 19200
Isolation		2500 V _{RMS} Isolation as per UL 1577

Physical

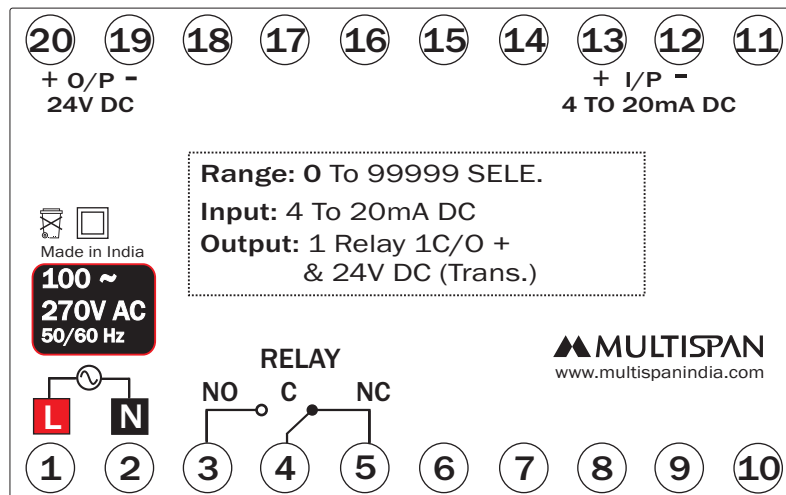
MFC-1058

Mount		Panel
Enclosure		Molded ABS
Weight		190gm
Color		Black
Front Bezel (mm)		96 x 96
Panel cutout (mm)		92 x 92
Depth behind panel		55 mm
Accessories		1 pair of Mounting clamp
Terminal Cable Size		Barrier Type terminal Cable Size (2.5 mm ²)

Mechanical Dimension



Terminal Diagram



Multispan reserves the right to change specifications without prior notice. Printing and typographical errors reserved.
 Product improvement and upgrade is a constant procedure. So for more updated operating information & support contact us.

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