

PADDLE WHEEL FLOW SENSOR

TECHNICAL DETAILS

Flow-rate range	0.5m/sec to 5m/sec.
Accuracy	+/- 1% of full scale deflection
Input Voltage	5 - 12 VDC (Optional 24 VDC)
Output	Square Wave (Sinking) of 5-12V Open Coil o/p amplitude, 15 - 17.5Hz/meter/second
Protecting Rating	IP-65
Operating Temp.	PP Sensor – upto 600C / SS Sensor – upto 1000C
Operating Pressure	PP Sensor – 0 - 10 Kg/cm2 / SS Sensor - 0 to 20 Kg/cm2
Cable Length	5 Meters



PART	Model No	Body	Paddle	Pin	O ring
MOC*	MI-1661	Polypropylene (PP)	PVDF	T.CARBIDE	Viton/Silicon
	MI-1661	SS304/SS316	PVDF	T.CARBIDE	Viton

*MOC can vary w.r.t. the application Consult Manufacturer for compatibility

PIPE SIZE SELECTION CHART:

(For Bigger Pipe Sizes, Please Contact Manufacturer)

Pipe Size (NB)	15	25	40	50	65	80	100	125	150	200	250	300
Min Flow M ³ /Hr	0.2	0.8	1.9	3.5	5.8	7.5	14	22	31	56	87	126
Max Flow M ³ /Hr	2.0	8.0	19	35	58	75	140	220	310	560	870	1260

FLOW DISPLAY UNIT

	Flow Totalizer
Model	MI-1661
Orientation	Field/Panel Mount Type
Function	Flow Rate + Totalised Flow
Display	16 X 2 LCD Display with Backlight
Power Supply	230V AC, +/- 10% (12VC or 24VDC optional)
Linearity	+/- 1% of full range
Repeatability	+/- 0.5% of full range
Configuration	Password Protected
Calibration	Using Front Panel Keys
Input	5-24 VDC pulse input
Output	Potential Free Relay (1 or 2 Against Flow Rate or Total)
Retransmission Output	4-20mA or 0-10 VDC or Rs485
Meter Size	96 X 96 X 100 mm
Cutout Size	90 X 90 mm

