

Annexure to SP4000385660

S/No	Parameter	Unit	Description
1	Line size		3/4"
2	Electrical Area Classification		IEC Zone -1, Gr IIC, T6
3	Type		Coriolis, Twin U Shape Tubes
4	Excitation frequency		Optimum frequency less than 300 Hz to over come influence of power line frequency and vibration frequency & Pipe line stresses
5	Function		Mass flow & Density (in case of Liquid Process)
6	Connection size /Rating		Meter size as line size
7	Body material & Sensor Housing Material		SS 304
8	Sensor /Wetted parts material		SS316L
9	Enclosure		WP to IP66/67
10	Hazardous area certification		Exproof
11	Body housing type		to be equipped with secondary containment for eliminating ambient temperature effect.
12	Accuracy		0.2% of reading (in case of liquid)
13	Electrical conduit connection		1/2 " NPT F
14	Function		Transmit & Indicate
15	Load Driving capability in Ohms		600
16	Output Type		Analog
17	Signal /protocol / Quantity		2 numbers (one 4-20mA with HART and one with 4-20mA) for Mass flow and density
18	Display		4 line LCD display with Backlite configurable for Mass flow/Density/Volumetric flow/Temperature/Totalized flow
19	Transmitter enclosure		Die cast Aluminium - WP to IP66/67 & Flame Proof Ex "d"
20	Hazardous area certification		Exproof
21	Power Supply		Universal power supply - 24 VDC/220 VAC/110VAC
22	Conduit Connection		1/2 " NPT F
23	Mounting Location		Integral
24	Software features		Meter verification for checking the total health check / verification
25	Fluid /State		Diagnostic features : Empty Pipe, Slug Flow (Dual phase flow -Aeration), Corrosion detection
26	Flow Min / Nor /Max		Very Low Sulphur Furnace Oil
27	Pressure Operating /maximum		Max: 3000Kg/Hr
28	Temperature Operating /Maximum		6
29	Density		50
30	Viscosity		991
31	Maximum Allowable Pressure Drop		380 mm2/s
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