


501 Series

Low flow, low cost electromagnetic flowmeter with polypropylene liner					
Model Type	Standard Diameter mm	Connection options:		Flow Rate at 2 m/s velocity	
		Female BSP (NPT on request)		m ³ /hr	l/min
501.06	6	¼"		0.20	3.39
501.10	10	3/8"		0.56	9.42
501.15	15	½"		1.27	21.2
501.20	20	3/4"		1.83	30.5
501.25*	25	1"		3.53	58.9

* special order

Common Features:

	Temperature Rating	-20°C to +60°C
	Pressure Rating	10 bar
	Viscosity Range	Viscosity independent
	Accuracy	±0.5% over flow range 0.5 to 5 m/s; maximum velocity 10 m/s
	Fluid Conductivity	Must be greater than 10 microSiemens/centimetre
	Body / Internals	Polypropylene lining with three 316L stainless steel electrodes as standard;
Seal	Viton	
Protection Rating	IP67	
Connection	BSP (UNI 338 male thread); NPT, triclamp ISO2852 or DN11851	
Maximum cable length	100 metres for conductivity > 200µS/cm; 15 metres for conductivity at 10 µS/cm	
External materials	Polypropylene	
Overall length	124mm;	
Weight	0.35 kg	
Output & Power	See converter	

Options:

Electrode Materials	Hastelloy B, Hastelloy C	
Flow rate, temperature and pressure	Alternate ratings available in different sizes and styles, consult factory for further details	
External Materials	304 SS – 500 series	
IS Hazardous Area Version ATEX	Available at extra cost to EEx ia IIC T5 with a threaded body	

Documentation:

Operating and Maintenance Manual	See Converter manual	
Installation Drawing	Refer to factory	Technical Data Sheet: DS061-1-ENG
Conformity:	These products conform to PED and EMC. ATEX option available.	

Flowmeter Specification Sheet