


Electromag 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 and repeatability	Dependent on converter; 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			
Installation Drawing	Refer to factory	Technical Data Sheet: DS061-1-ENG	

These products conform to PED and EMC. ATEX option available.