




Extended linearity electromagnetic flowmeter with PTFE liner designed for flange fitting					
Model Type	Internal Diameter mm	Length mm	Weight kg (PN10 version)	Flow Rate at 2 m/s velocity	
				m ³ /hr	l/min
2200.25	25	200	7	3.53	59
2200.32	32	200	10	5.79	97
2200.40	40	200	11	9.05	151
2200.50	50	200	11	14.1	236
2200.65	65	200	14	23.9	398
2200.80	80	200	17	36.2	603
2200.100	100	250	19	56.5	942
2200.125	125	250	27	88.4	1473
2200.150	150	300	29	127	2120
2200.200	200	350	46	226	3770
2200.250	250	450	64	353	5890
2200.300	300	500	75	509	8480
2200.350	350	550	85	693	11550
2200.400	400	600	128	905	15080

Common Features:

Temperature Rating	-20°C to +180°C (for PTFE separate version); 80°C for the compact version; 80°C for the ebonite version EPDM and Abral options on request to 90°C	
Viscosity Range	Viscosity independent	
Accuracy	±0.2% over flow range 0.5 to 5 m/s; Turndown 1000:1; maximum velocity 10 m/s	
	Fluid Conductivity	Must be greater than 5 microSiemens/centimetre
	Body / Internals	PTFE Lining with 3 Hastelloy C 22 electrodes as standard; DN150 and larger Hard Rubber or Ebonite
	Flange Materials	Painted carbon steel, 304 or 316SS
	Protection Rating	IP68 to 1.5 meters (separate version)
	Flange Fitting	PN6 to PN64 UNI2223 DIN2501, BS4504 and ISO7005; ANSI150,300,600,900, AWWA and KS on request
Maximum cable length	100 metres for conductivity > 200µS/cm; 15 metres for conductivity at 5 µS/cm	
External materials	Carbon Steel treated with acrylic paint	
Output & Power	See converter	

Options:

Electrode Materials	Hastelloy B, Platinum, Titanium and Tantalum
Flow rate, temperature and pressure	Alternate ratings available in different sizes and styles, consult factory for further details
External Materials	316 SS
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: DS100-2-ENG
Conformity:	These products conform to PED and EMC. ATEX option available.	

Flowmeter Specification Sheet

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