


## FLOWSUPPLIES MAGNETIC FLOWMETER

<p>Model: MAG XI</p> 	<p><b>TYPE:</b> Magnetic Flowmeter</p> <p><b>Advantages:</b> The MagX1 has an innovative modular design “Plug and Play”; it is a fit-all, flexible, low cost flowmeter all at the same time. The transmitter consists of the low cost basic unit plus optional modules according to the end-users requirements. Each module is in fact a small electronic board, the size of a large stamp, which can be freely installed and removed from the main board in seconds.</p>
<b>PRODUCT SPECIFICATION</b>	
✚ Measurable Media	Conductive Fluids
✚ Min. Media electrical conductivity	≥ 5 μS/cm / ≥20 μS/cm for demineralised water
✚ Flow range	0.015 – 10000 l/s
✚ Displayed values	Flow-rate (m <sup>3</sup> /hr, l/s, l/m, US.gal/min, UK.gal/min), volume (m <sup>3</sup> , l, US.gal, UK.gal), positive, negative, total volume and auxiliary (clearable) volume, sensor temperature
✚ Accuracy	0.25% (0.5 to 10m/s) of reading value
✚ Communication protocol	MODBUS-RTU can be used with all the communication Modules i.e RS-232, RS-485, USB, Bluetooth, TCP/IP, GPRS
✚ Flow direction	Bi-directional measurement
✚ Ambient temperature	-20°C to 60°C
✚ Display	Graphic LCD 132 x 64 Dots
✚ Controls	6 touch-buttons + communication modules (optional)
✚ Low-flow cut-off	OFF, 0.5%, 1%, 2%, 5%, 10% of flow range
✚ Time delay	Programmable value (0-120 s; default value is 15s)
✚ Max. electronics weight (including housing)	2kg
✚ Housing Material	Aluminium + powder coating
✚ Housing dimension	130x134x134mm
✚ Cable Terminal	3+1xM16x1,5 IP68 cable terminals
✚ Electronics Protection	Standard IP67 / NEMA 5
✚ Other features	Auto-diagnostics Multi-language option (English and Spanish standard; Other languages possible) Indicative temperature measurement up to 150°C 1% max.error
✚ Power Supply options	90-250 VAC 50/60hz (+10%, -15%) or 24 VDC or 12 VDC
✚ Power consumption	Max 15VA
✚ Samples per Average	5-60s (default 15)
<b>SENSOR SPECIFICATION</b>	
✚ Connection Type	DIN & ANSI Flanged
✚ Nominal Size	10-1000mm
✚ Flange	Carbon Steel (DN1.0038)dimension according to DIN 2576
✚ Maximum nominal pressure	PN40 / 300psi
✚ Max Media Temperature	70°C for hard rubber liner, 130°C for PTFE liner
✚ Sensor Protection	Remote IP68 (NEMA 6) Compact IP67 (NEMA 5)
✚ Liner material options	1.4571 stainless steel, Tantalum, Hastelloy C276, Titanium
✚ Measuring tube material	Non magnetic stainless steel 1.4301
✚ Outer casing	Carbon Steel (DIN 1.0036) as standard
✚ External coating	Epoxy finish, RAL 5010
✚ Other Features	Empty pipe detection through 3 <sup>rd</sup> Electrode Earthing through 3 <sup>rd</sup> electrode Automatic electrode cleaning

**Sole Distributor in India:**

**HINDUSTAN WATER ENGINEERING COMPANY**

HWE Bhavan, 47, INDUSTRIAL AREA, MANDSAUR (M.P.) INDIA Pin-458 001

Ph: 07422 256133 Fax: 07422 232342

Email: [info@hweindia.com](mailto:info@hweindia.com), [hweindia@yahoo.co.in](mailto:hweindia@yahoo.co.in) Website: [www.hweindia.com](http://www.hweindia.com)