



Food – large scale manufacturing of food and beverage increasingly demands strictly clean facilities. Technology combined with experience. Hygiene is on our mind.

FOOD INDUSTRY

FLOWMETERS FOR THE
FOOD INDUSTRY

Food - Large scale manufacturing of food and beverage increasingly demands strictly clean facilities. Technology combined with experience. Hygiene is on our mind.

More hygienic than a polished pipe*

For many years Magflow has supplied Flow-meters and components to the food industry. A close co-operation with our customers has established the specific needs for food industry applications. The results from this co-operation have been that Magflow was the first main supplier of flow-meters to deliver stainless steel enclosed meters as well as the first in 1993 to pass the EHEDG hygiene test.

MAG 1100 Food is our dedicated flow meters for the food industry.

• *Remit of the EHEDG Mil.*



System Component Exported by:

ENCON Consulting Engineers

M-28, 7th Floor, Marigold,
Krishnakeval Township,
Kondhwa Khurd,

Pune 411048-INDIA.



Tel/Fax: +91 20 26831210

Cell Phone: +91 94 22 00 2758



Email: encon@vsnl.com / enconindia@hotmail.com

Technical Specifications

		
SENSOR	MAG 1100	MAG 1100 FOOD
Size [mm]	DN 6-100	DN 10-100
Connection	Flangeless (Sandwich design)	Weld-in adaptor, clamp adaptor, thread adaptor
Pressure [bar]	Max. 40	Max. 40
Temperature [°C]	-20 to 200	-30 to 150
Liner	Ceramics (Al ₂ O ₃)	Ceramics (Al ₂ O ₃) PFA
Electrodes	Platinum	Platinum Hastelloy
Enclosure	IP 67	IP 67
Ex-version	EEx [ia/ib] IIB T4-T6	

			
SIGNAL CONVERTER	MAG 5000	MAG 6000	MAG 3000 Ex-d
Outputs	1 current output 1 digital output 1 relay output	1 current output 1 digital output 1 relay output	1 current output 1 frequency/pulse output 1 relay output
Flow direction Communication Display	Uni/bidirectional 3 lines 20 characters (optional without display)	Uni/bidirectional 3 lines 20 characters (optional without display)	Uni/bidirectional 2 lines 16 characters
Meter uncertainty	± 0.5% o.r.	± 0.25% o.r.	± 0.25% o.r.
Enclosure	IP 67, IP 20	IP 67, IP 20	IP 65, IP 67
Custody transfer approval		PTB OIML R75 OIML R117	
Ex-version (safety barrier)	[EEx ia/ib] IIB [EEx ia] IIC	[EEx ia/ib] IIB [EEx ia] IIC	EEx de [ia/ib] IIB T6
Power supply	12-24 V a.c./d.c. 115-230 V a.c.	12-24 V a.c./d.c. 115-230 V a.c.	24 V a.c./d.c.

Note: In interest of continuous product development we reserve right to alter the specifications.

System Component Exported by:

ENCON Consulting Engineers

M-28, 7th Floor, Marigold,
Krishnakeval Township,
Kondhwa Khurd,
Pune 411048-INDIA.

Tel/Fax: +91 20 26831210
Cell Phone: +91 94 22 00 2758



Email: encon@vsnl.com / enconindia@hotmail.com