

### Magnetic flowmeter Flomag 3000



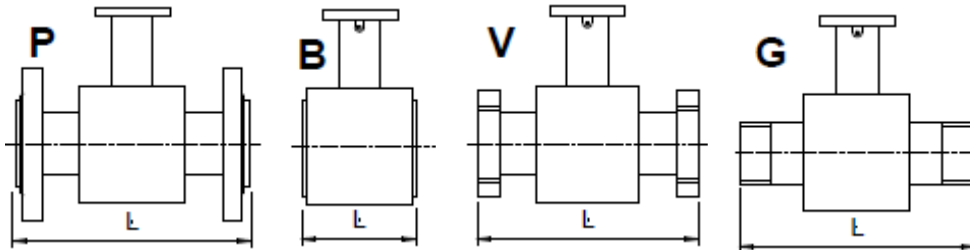
#### Features :

- FLOMAG 3000 is a volume flow rate meter for conductive fluids in pipelines (0.1–12 m/s);
- Manufactured dimensions are from DN10 up to DN1200, for PN6 up to PN40 (64) and temperatures for the measured liquid up to 150 °C;
- Measured electrodes are manufactured from stainless steel, Hastelloy, Pt or Ti;

#### Technical specifications :

Analog output	A1: 0(4)÷20mA (12 bits), A2: 0(4)÷20mA (16 bits), A3: 4÷20mA (16 bits), all active and isolated
Binary output	B1:0÷1KHz passive, B2:0÷10KHz passive, B4:0÷10KHz active (5,12,24V), B5:relay, all isolated
Interface	C1: RS 232, D1: RS 485 (MODBUS), D2: loop 0÷20mA, D3: M-Bus, all isolated
Display	V1: LCD and keyboard module, 2x16 characters (9.6 mm high)
Power supply	85 ÷ 245Vac, 10 ÷ 18Vdc, 18 ÷ 36Vdc, 24Vac, consumption 5 ÷ 8VA
Electrode cleaning and pipeline full indication	Selectable: F1: electrochemical electrode cleaning module, F2: pipeline full indication module, F3 = F1+F2
Protection	IP 67
Min conductivity liquid	20µS/cm (for some liquids from 5µS/cm)
Nominal diameter	DN10 ÷ DN1200
Nominal pressure	PN6, PN10, PN16, PN25, (PN40, PN64), 150lb, 300lb
Connection	P: flange (DIN, ANSI, ASA), B: wafer, V: sanitary fittings (DIN 11851), G: thread
Electrode material	Stainless steel, Hastelloy C-276, Pt, Ti
Lining	Hard rubber (TG), soft rubber (MG), special rubber (NG), PTFE (T)
Liquid temperature	0 ÷ 80°C (TG, MG), 0 ÷ 90°C (NG), 0 ÷ 150°C (T)
Protection	IP 67, IP 68, compact or remove version

#### Construction :



Thread version **V, G**: L [mm]

Wafer version **B**: L [mm]

Flange version **P**: L [mm]

DN	Lining (TG, MG)	Lining (T, NG)
15, 20, 1/2", 3/4"	150	150
25÷100, 1"÷4"	215	213
125, 150, 5", 6"	305	301

DN	Lining (TG, MG)	Lining (T, NG)
10	-	62
15, 20	72	72
25÷100	102	100
125, 150	132	130

DN	Lining (TG, MG)	Lining (T, NG)
15, 20	138	134
25÷100	215	213
125, 150	305	301
200, 250	380	376
300÷500	515	511
600	615	611
700	715	711
800, 900	815	811
1000, 1200	1015	1011

#### Parts:



Flanged remote sensor



Wafer remote sensor



Remote sensor with sanitary fittings



Remote transmitter