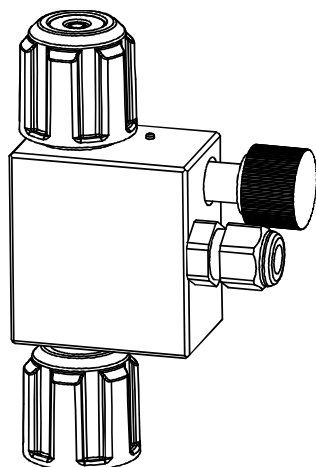


ACCESSORIES

FLOW SENSOR - Solenoid Pumps



TECHNICAL CHARACTERISTICS

The flow sensor should be installed directly onto the dosing pump's delivery connector. It may also be positioned as desired before tightening the ring nut. Connect the delivery tube directly onto the injection fitting positioned on the system.

Where it is possible to connect the Flow Sensor		
Model	analog	digital
KOMPACT	---	DPT - DRP
TEKNA	APG - ATL	TPG - TPR - TMP - TCK
TEKBA	---	EMG
MAXIMA	MAG - MGR	MPR - MRG - MRP

To gauge the pump's real dosing phase, the flow sensor will read the pump's impulses during the delivery phase. In addition to verifying proper operation of the pump, the sensor can also show the real state of the dosing flow rate. The use of dosing pumps with special electronics on board allows signals sent by the sensor to be automatically read and assessed.

The parts in contact with the liquid were chosen to guarantee complete compatibility with most of the chemical products normally used. Given the variety of chemical products that exist on the market, verifying chemical compatibility between the dosed product and the contact materials is recommended.

Connection	Materials			Code
	Sensor casing	Float	Seals	
for 4/6 and 8/12 tube	PVC	PVDF	FPM	EM99106776
	PMMA			EM99106753
	PVDF			EM99106783
	PVC	PVDF	EPDM	EM99106781
	PMMA			Ask to Factory
	PVDF			Ask to Factory

ATTENTION: After installing the flow sensor you could note a decrease (10% max) in the pump performances

ELECTRICAL CHARACTERISTICS

Parameter	Rated value	Unit
Pull-in Value (PI)	10~50	AT
Drop-out Value (DO)	5min	AT
Contact resistance (CR)	100max	mW
Breakdown voltage	200 min (PI ≥ 20)	VDC
	150 min (PI < 20)	VDC
Insulation resistance	109min	W
Electrostatic capacitance	0.3max	pF
Contact rating	10	VA
Maximum switching voltage	100 (DC)	V
	AC	
Maximum switching current	0.5	A
Maximum carry current	1.0	A