Flow Monitor PAM-PVC

Flow monitor made of PVC, according to the baffle plate principle for monitoring liquids, adhesive tube connection

- Plastic version – no corrosion
- Easy adjustment of the switching point by means of set screw
- No spring – always the same resetting force
- Low pressure loss
- Different versions, easy adaptation to different requirements
- Very inexpensive

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Function
The flow monitor PAM-PVC works according to the pendulum principle with magnetic resetting.

The paddle protruding into the flow is absorbed by a bearing. On the opposite side a magnet is attached. A second external magnet repels the paddle magnet. This creates a restoring force.

This force is adjustable by changing the propriety of the magnets by means of a screw, so that the switching point of the device can be adjusted easily and accurately. The magnet, which is located on the pendulum, operates without contact with an externally mounted reed switch.

Application
The PAM-PVC offers a very inexpensive and yet flexible option for monitoring flow rates. PAM-PVC is made completely of plastic.

Technical data	
Switching capacity	180 V, 10 W, 0,5 A max. (other versions available on request)
Switch	Normally open contact (closes contact and change over contact on request)
Temperature max.	100 °C
Pressure max.	PN10

Features
- Plastic version – no corrosion
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- Low pressure loss
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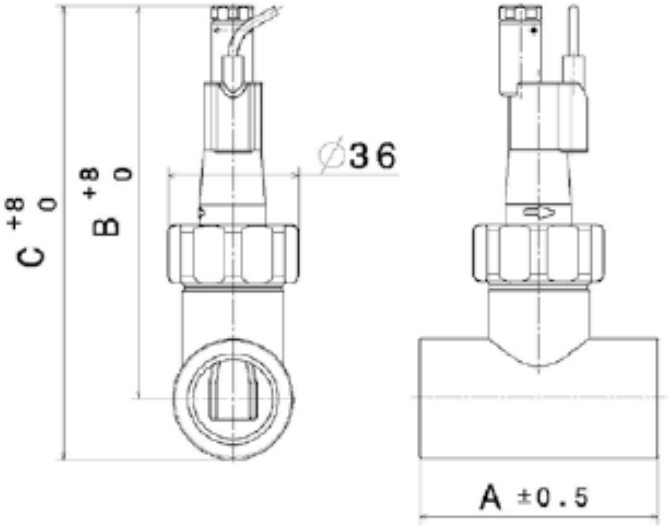
Technical drawing



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Flow rate			Dimensions		
DN	**Rp**	**Flow rate l/min***	**A mm**	**B mm**	**C mm**
DN15	½“	2-5	54	103	119
DN20	¾“	4-10	66	109	126
DN25	1“	6-15	79	113	133
DN32	11/4“	10-25	96	117	142
DN40	11/2“	15-38	116	122	153

*Other ranges / switching points on request

Materials	
Housing	Noryl GFN3
Screw-in part/T-piece	PVC
Pendulum	Noryl GFN3
Temperature max.*	60°C
Pressure max.	PN 6**

* Medium temperature
** at 20° medium temperature, at 60° PN 2,5

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