



Flow Monitor RVP/U

The flow monitors type RVP/U operate on the float measuring principle



- Flow monitor made from PVC
- Suitable for distilled or demineralized water
- Universal mounting
- Infinitely variable switchpoint adjustment through user
- Reliable function
- Easy handling



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Application

- Cooling systems and cooling circuits
- Mechanical engineering , e.g. welding machinery, laser plants
- Medical technology
- Research and development

Features

- Flow monitor made from PVC
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- Universal mounting
- Infinitely variable switchpoint adjustment through user
- Reliable function
- Easy handling

Installation information

- The installation of the flow monitor can be done in any way in the system. The flow direction must be observed.
- The flow monitor must not be used as a supporting part in a pipe construction!
- The medium must not contain any solids! We recommend the installation of strainers type SFD or SFM.
- External magnetic fields influence the switch contact. Keep adequate distance to magnetic fields (e.g. electromotors)!
- The operating instructions for RVP/U must be observed under all circumstances!
- Download: www.schmidt-messtechnik.de

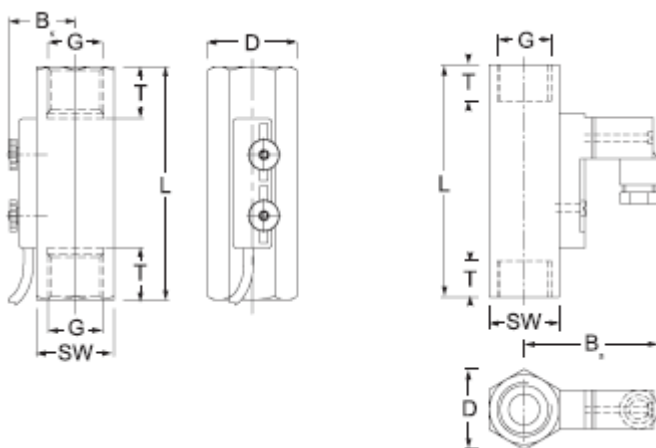
Operating data RVP/U-2	
Operating pressure	PN 10 bar
Pressure drop	0,02 – 0,3 bar
Max. temperature	50°C
Accuracy	±10% of full scale



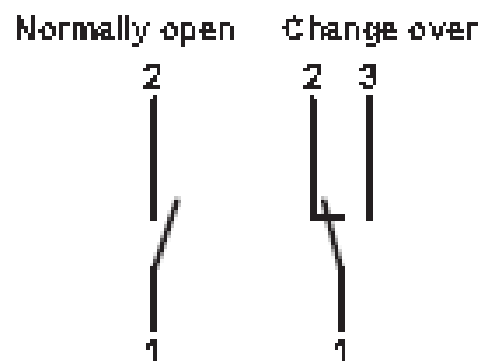
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Technical drawing



Connection diagram



Summary of Types RVP/U									
Type	Switch range (1) l/min H ₂ O	Overall dimensions [mm]							Weight approx. [g]
		SW	D	B _S	B _K	G	T	L	
RVP/U-202	0,02 – 0,21	30	34	52	25,8	½"	13	90	150
RVP/U-206	0,2 – 0,6								
RVP/U-2/1	0,4 – 1,8								
RVP/U-2/3	0,8 – 3,2								
RVP/U-2/7	2 – 7								
RVP/U-2/13	3 – 13								
RVP/U-2/20	4 – 20								
RVP/U-2/30	8 – 30								

(1) Other switch ranges on request



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Electrical data	
Normally open	max. 230 V • 3 A • 60 VA
Change over	Max. 250 V • 1,5 A • 50 VA (2)
Protection type: IP 65: Plug connection DIN 43650 Form C IP 67: 1 m sealed cable	
Output signal	The contact opens / changes, when the flow falls below the set point.
Power supply	Not required (potential free reed contact)
Other plug types and cable lengths on request	
(2) Minimum load 3 VA	
Material (wetted parts)	
Housing	PVC_U (Hard-PVC)
Float	1.4571
Magnets	Hard ferrite
Spring	1.4571
Stop rings	1.4571