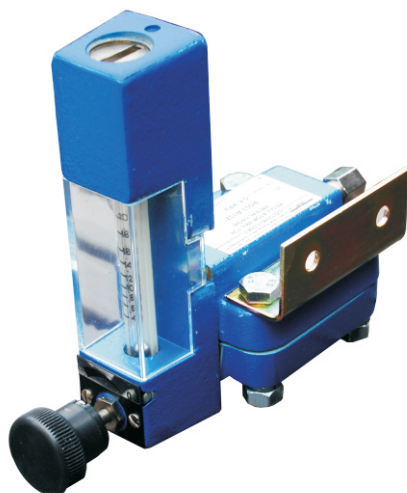


## SMALL-FLOWS REGULATOR type R503



SMALL-FLOWS REGULATOR TYPE R503 IS USED FOR CONSTANT MAINTAIN SETTING VALUE OF AIR OR WATER FLOW NOT DEPEND FROM INPUT AND OUTPUT PRESSURE FLUCTUATION.

IT MIGHT BE USED IN MEASURING LEVEL SYSTEMS, PRESSURE DIFFERENCE AND PRESSURE OF AGGRESSIVE MEDIUMS, AS DEVICE WHICH DOES PROTECTION FLUID FOR MEASURING CONDUCTOR.

\* acid-proof versions available

### TECHNICAL DATA

- working medium	cleaned air or water	
- working temperature	air:	-40°C...+50°C
	water:	5°C...+50°C
- supply pressure	0,6 MPa or 2,5 MPa	
when the condition 50 kPa (Pp-Po) 600 kPa is keeping		
- setting flow rangers for:		
air	4 ... 20 dm <sup>3</sup> /h	
water	4 ... 40 dm <sup>3</sup> /h	
- accuracy working		
change of pressure decrease on throttle valve under		
the influence of change voltage pressure or input pressure:		
for air	max 2 kPa	
for water	max 3 kPa	
- indicator	scaled rotameter acc. to specified flow range	
- acceptable pressure	up to 2,5 MPa	
- assembly	in the board or bracket construction	
	(look at version's table)	
- assembly position	look at version's table	
- connectors	connector acc. to table	
- mass:	up to 2kg depending on version	