

### GENERAL CHARACTERISTICS

Mechanical Flow Indicator for liquids, with a rotor for quantitative flow indication in a special tube-shaped glass housing. A signal-red rotor provides a directly flow-proportional indication of the momentary flow-rate. Rugged design in brass or stainless steel.

- \* cleaning mechanism of the internal surface of the glass
- \* visibility of rotor 360°
- \* floating bearing for liquids
- \* grease-free ball bearing for gaseous media

Female thread G1/4 to G1 1/2 brass/stainless steel

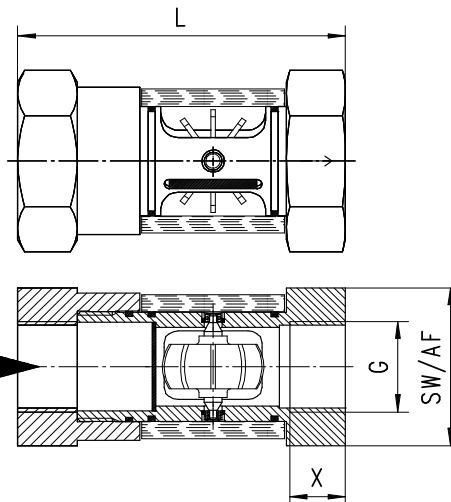


### TECHNICAL DATA

WR1-015GK

G	Type	Qmax. recom. l/min H <sub>2</sub> O	start of rotor l/min			L mm	SW mm	X mm	weight kg
			H <sub>2</sub> O	40 mm <sup>2</sup> /s	41-150 mm <sup>2</sup> /s				
G 1/4	WR1-008G.	4	0.7	1.5	2.7	71	36	9	0.35
G 3/8	WR1-010G.	8	0.8	1.5	2.8	71	36	9	0.35
G 1/2	WR1-015G.	12	1.4	1.8	3.2	86	46	13	0.65
G 3/4	WR1-020G.	25	1.4	2.7	5.9	94	46	16	0.65
G 1	WR1-025G.	40	1.7	3.0	7.0	104	46	16	0.65
G 1 1/4	WR1-032G.	80	8.0	5.9	7.9	120	65	19	1.60
G 1 1/2	WR1-040G.	100	8.0	7.3	7.9	130	65	20	1.70

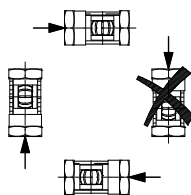
pressure PN 16  
 media temperature max. 100°C  
 average pressure loss 0.25 bar at Qmax.



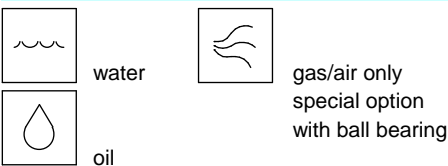
### MATERIALS

	WR1-...GM	WR1-...GK
housing	brass Ms58 nickel plat.	stainless steel 1.4305
rotor	DN 8-25 POM red DN 32-40 nylon white	DN 8-25 POM red DN 32-40 nylon white
tube	borosilicate glass	borosilicate glass
axle	stainless steel 1.4541	stainless steel 1.4541
bearing	PEEK	PEEK
wiper	NBR	viton
seal	NBR	viton

### MOUNTING POSITION



### METERING SUBSTANCES



With higher viscosity instruments tend to higher starting values of the rotor.

### NOMENCLATURE

WR1-	008	G	M	W	basic type specification
	008				● nominal diameter
	010				● DN 8 - G1/4
	015				● DN 10 - G3/8
	020				● DN 15 - G1/2
	025				● DN 20 - G3/4
	032				● DN 25 - G1
	040				● DN 32 - G1 1/4
					● DN 40 - G1 1/2
		G			● female thread
			M		● brass design
			K		● stainless steel design
				W	● liquids
				G	□ air/gasses
					○ seal / wiper EPDM
					□ low flow rates
Programme option BASIC					
Special option VARIO					

All technical changes reserved

●BASIC Standard ○BASIC Programme option □VARIO Special option ⊕ PLUS Accessories ✗ not recommendable