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Flow Indicator HV

- **Bidirectional**
- **360 ° visibility**

Characteristics

The flow indicator HV is used for the reliable display of transparent fluids. A signal-red turbine wheel rotates in a glass tube proportional to the flow, and in this way provides an indication of the flow rate present.

The devices provide 360 ° vision, and are built for a long working life, thanks to the design of the turbine's bearings.

Technical data

Nominal width	DN 8..25	
Process connection	female thread G 1/4..G 1	
Display range	0.6..50 l/min	for details see table "Ranges"
$Q_{max.}$	to 50 l/min	
Pressure resistance	PN 10 bar	
Medium temperature	-20..+100 °C	
Ambient temperature	-20..+70 °C	
Materials medium-contact	body : PPh process connection : brass turbine : PPh Axis : PPh Axis bushes : 1.4301 glass : borosilitcate seals : NBR	
Medium	water (oils have a tendency to a higher rotor start-up value)	
Weight	see table "Dimensions and weights"	
Installation location	as desired, except for inwards flow from above	

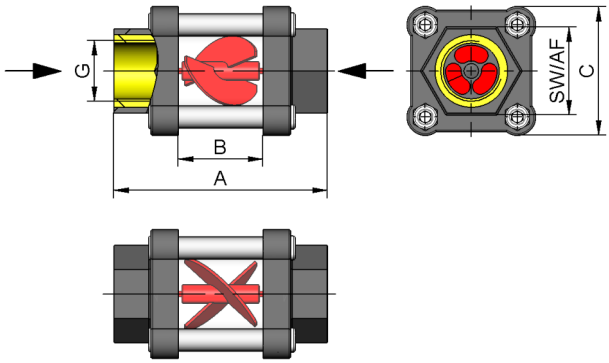
Ranges

G	Start-up quantity for turbine, l/min			$Q_{max.}$ re-com-mended	Types
	H_2O	40 mm^2/s	41..150 mm^2/s		
G 1/4	0.6	2.5	3.5	6	HV-008GM
G 3/8	1.2	3.0	4.0	10	HV-010GM
G 1/2				15	HV-015GM
G 3/4	2.1	3.7	5.0	30	HV-020GM
G 1				50	HV-025GM

Special ranges are available.

Dimensions and weights

G	Types	A	B	C	SW	Weight kg
G 1/4	HV-008GM	66	22	44	20	0.11
G 3/8	HV-010GM	92	36	60	28	0.18
G 1/2	HV-015GM					
G 3/4	HV-020GM	114	46	70	46	0.60
G 1	HV-025GM					



Ordering code

HV - [1.] [2. G] [3. M]

1.	**Nominal width**	
	008	DN 8 - G 1/4
	010	DN 10 - G 3/8
	015	DN 15 - G 1/2
	020	DN 20 - G 3/4
	025	DN 25 - G 1
2.	**Process connection**	
	G	female thread
3.	**Connection material**	
	M	brass