

**Product Information**

**Sensors and Instrumentation**

**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**

<b>Nominal width</b>	DN 8..25	
<b>Process connection</b>	female thread G 1/4..G 1	
<b>Display range</b>	0.6..50 l/min	for details see table "Ranges"
<b>Q<sub>max.</sub></b>	to 50 l/min	
<b>Pressure resistance</b>	PN 10 bar	
<b>Medium temperature</b>	-20..+100 °C	
<b>Ambient temperature</b>	-20..+70 °C	
<b>Materials medium-contact</b>	PA 66, CW614N, 1.4301, Sekurit glass, NBR	
<b>Medium</b>	water (oils have a tendency to a higher rotor start-up value)	
<b>Weight</b>	see table "Dimensions and weights"	
<b>Installation location</b>	as desired, except for inwards flow from above	

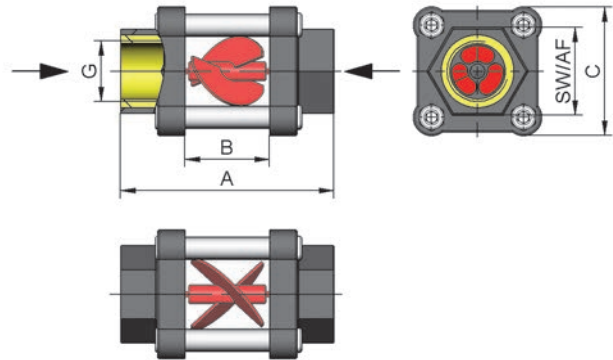
**Ranges**

G	Start-up quantity for turbine, l/min			Q <sub>max.</sub> re-com-men-ded	Types
	H <sub>2</sub> O	40 mm <sup>2</sup> /s	41..150 mm <sup>2</sup> /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.  3.  
 HV -  G 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