

## HONSBERG - HD1K SERIES FLOW SWITCH

Piston

HD1K-008GM005  
Flow switch 1/4" 0,5-5 l/min

- Switching Range 0,1..80 l/min H<sub>2</sub>O
- Water, Oil (gases and aggressive media available on request)
- G $\frac{1}{4}$ " up to G1"
- Brass or Stainless Steel Wetted Parts
- Max Pressure 200 bar



### PRODUCT DESCRIPTION

Model HD1K is a flow switch for liquids and gases. It has a built-in scale that shows where in the working range switching point is set. The switch can also deal with media with high viscosity, which makes it highly suitable for hydraulic applications.

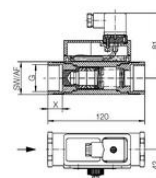
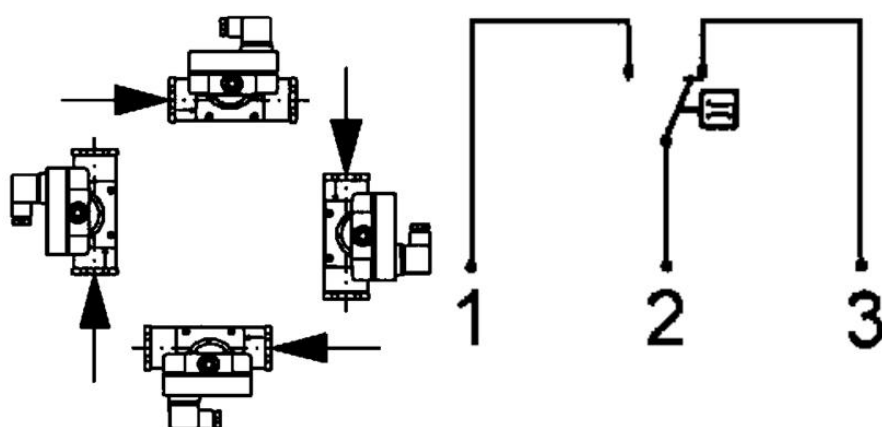
### SPECIAL VERSIONS

- Viscosity compensating version HD1KV
- Version for higher pressure 400 or 500 bar
- Integrated flow meter
- Integrated temperature gauge
- Connector M12x1, 4 pole
- Ex/ATEX version

### TECHNICAL DATA

<b>Accuracy</b>	± 5%
<b>Connection type</b>	Internal thread ¼ "
<b>Contact rating max</b>	50 VA
<b>Electrical connection</b>	Plug connector DIN 43650-A
<b>Flow max</b>	10 l/min
<b>Flow range max</b>	5 l/min
<b>Flow range min</b>	0,5 l/min
<b>Function</b>	Flask, reed contact, alternating
<b>Hysteresis</b>	Depending on the breaking value, however, at least 0.7 l / min
<b>IP class</b>	IP65
<b>Material flask</b>	Nickel-plated brass

<b>Material of body</b>	Nickel-plated brass
<b>Material of seals</b>	NBR
<b>Material spring</b>	Stainless steel 301
<b>Pressure drop</b>	Approximately 0.5 bar at maximum flow
<b>Pressure range max</b>	200 bar
<b>Temperature of media to</b>	120 °C
<b>Type of flow component</b>	Flow Switches
<b>Weight</b>	1,4 kg
<b>Viscosity max</b>	150 cSt
<b>Voltage ac/dc max</b>	175 V



G"	SWIAF mm brass	SWIAF mm stainless	X mm	Weight kg
1/4	40	41	15	1,3
3/8	40	41	15	1,3
1/2	40	41	15	1,2
3/4	40	41	18	1,2
1	40	41	18	1,1

