OEM Automatic Ltd
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HONSBERG - HD1K SERIES FLOW SWITCH

Piston

HD1K-010GM010
Flow switch 3/8", 1-10 l/min



- Switching Range 0,1..80 l/min H_2O
- Water, Oil (gases and aggressive media available on request)
- G¼" 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.

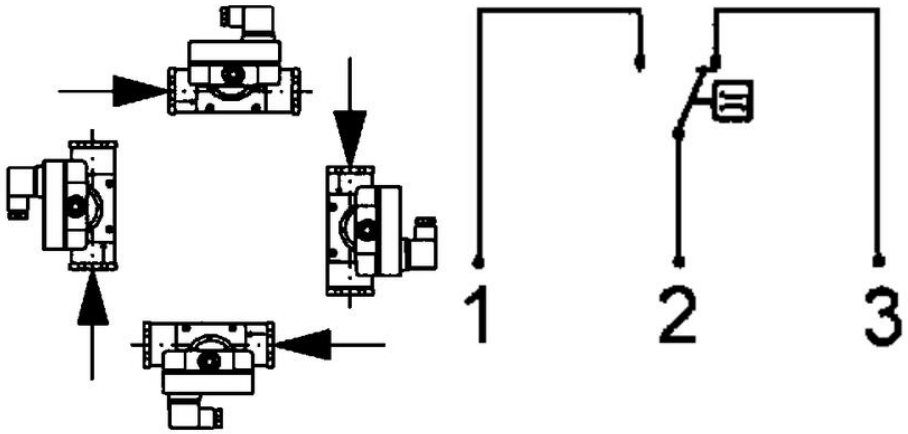
Special versions

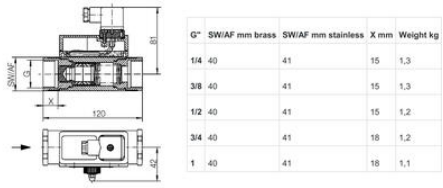
• Viscosity compensating version HD1KV
• Version for higher pressure 400 or 500 bar
• Integrated flow meter
• Integrated temperature gauge
• Connector M12x1, 4 pole
• Ex/ATEX version

TECHNICAL DATA

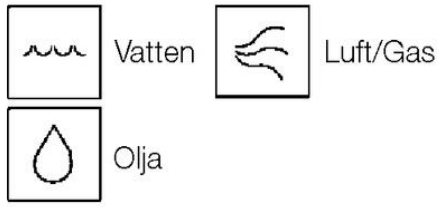
Accuracy	± 5%
Connection type	Internal thread 3/8 "
Contact rating max	50 VA
Electrical connection	Plug connector DIN 43650-A
Flow max	20 l/min
Flow range max	10 l/min
Flow range min	1 l/min
Function	Flask, reed contact, alternating
Hysteresis	Depending on the breaking value, however, at least 0.7 l / min
IP class	IP65
Material flask	Nickel-plated brass
Material of body	Nickel-plated brass

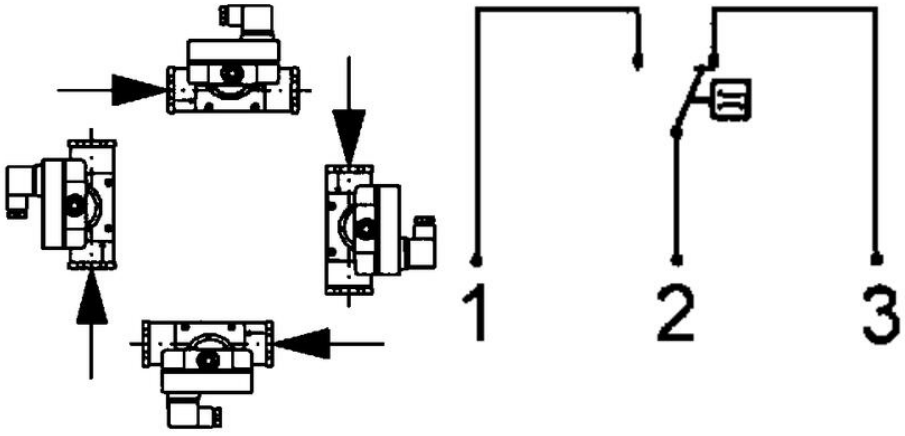
Material of seals	NBR
Material spring	Stainless steel 301
Pressure drop	Approximately 0.5 bar at maximum flow
Pressure range max	200 bar
Temperature of media to	120 °C
Type of flow component	Flow Switches
Viscosity max	150 cSt
Voltage ac/dc max	175 V
Weight	1.4 kg

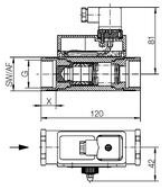




G"	SW/AF mm brass	SW/AF mm stainless	X mm	Weight kg
1/4	40	41	15	1,3
3/8	40	41	15	1,3
1/2	40	41	15	1,2
3/4	40	41	18	1,2
1	40	41	18	1,1







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