**OEM Automatic Ltd**
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# HONSBERG - HD1K SERIES FLOW SWITCH

Piston

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


- Switching Range 0,1..80 l/min $H_2O$
- 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.

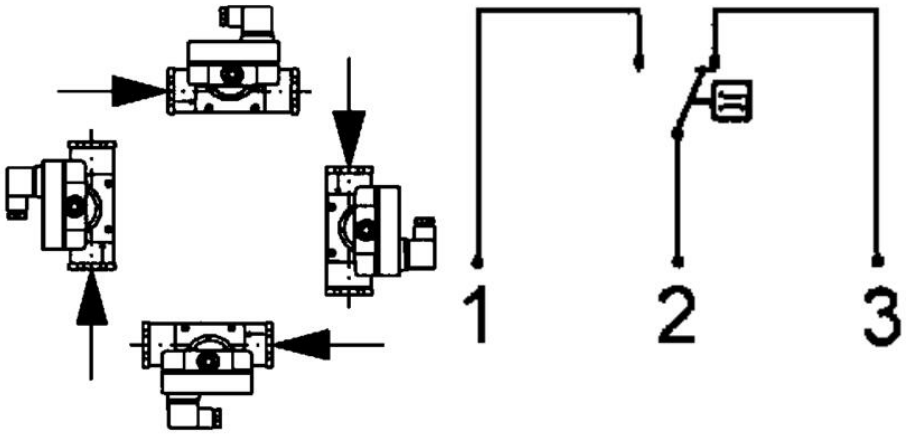
## Special versions

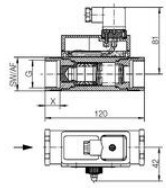
• Viscosity compensating version HD1KV
• Version for higher pressure 400 or 500 bar
• Integrated flow meter
• Integrated temperature gauge
• Connector M12x1, 4 pole
• Ex/ATEX version

# TECHNICAL DATA

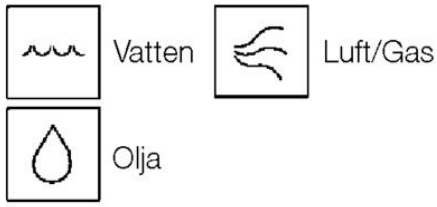
| | |
|---|---|
| **Accuracy** | ± 5% |
| **Connection type** | Internal thread ¼ " |
| **Contact rating max** | 50 VA |
| **Electrical connection** | Plug connector DIN 43650-A |
| **Flow max** | 10 l/min |
| **Flow range max** | 5 l/min |
| **Flow range min** | 0.5 l/min |
| **Function** | Flask, reed 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 |

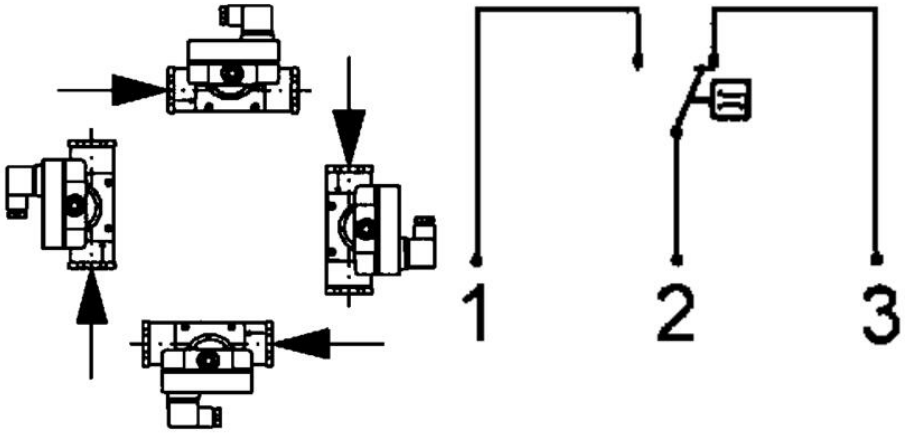
| | |
|---|---|
| **Material of seals** | NBR |
| **Material spring** | Stainless steel 301 |
| **Pressure drop** | Approximately 0.5 bar at maximum flow |
| **Pressure range max** | 200 bar |
| **Temperature of media to** | 120 °C |
| **Type of flow component** | Flow Switches |
| **Weight** | 1.4 kg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

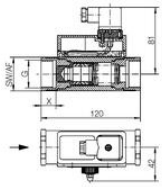



| G" | SW/AF mm brass | SW/AF mm stainless | X mm | Weight kg |
|---|---|---|---|---|
| 1/4 | 40 | 41 | 15 | 1,3 |
| 3/8 | 40 | 41 | 15 | 1,3 |
| 1/2 | 40 | 41 | 15 | 1,2 |
| 3/4 | 40 | 41 | 18 | 1,2 |
| 1 | 40 | 41 | 18 | 1,1 |

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