

## HONSBERG - HD1K SERIES FLOW SWITCH

Piston

HD1K-015GM030  
Flow switch 1/2", 3-30 l/min

- Switching Range 0,1..80 l/min H<sub>2</sub>O
- Water, Oil (gases and aggressive media available on request)
- G<sup>1</sup>/<sub>4</sub>" 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 1/2 "
Contact rating max	50 VA
Electrical connection	Plug connector DIN 43650-A
Flow max	40 l/min
Flow range max	30 l/min
Flow range min	3 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	1.3 kg
Viscosity max	150 cSt
Voltage ac/dc max	175 V

