Flow Indicator / Switch NO

- **Optionally switching contact**
- **Also for dark and dirty media**
- **Rotatable scale**
- **Visual range 360 °**

Characteristics

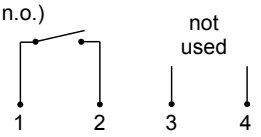
Mechanical flow meter with spring-supported pistons for fluid or gaseous media. The measured value is transferred to a display ring via a magnetic coupling. Because of this separation, the display cannot become dirty. Robust construction in brass or stainless steel.

Technical data

Flow indicator NO

Nominal width	DN 8..25	
Process connection	female thread G $^1/_4$..G 1 (further process connections available on request)	
Display range	3..60 l/min	for details see table "Ranges"
$Q_{max.}$	60 l/min	
Tolerance	±10 % of the full scale value, minimum 1 l/min	
Pressure resistance	PN 50 bar	
Media temperature	-20..+90 °C	
Ambient temperature	-20..+70 °C	
Media	water (oils, gases and aggressive media available on request)	
Materials medium-contact	Brass construction: CW614N nickelled, CW614N, 1.4310, hard ferrite, NBR, FKM	
Non-medium-contact materials	Acrylic XT	
Weight	see table "Dimensions and weights"	
Installation location	Standard: Horizontal inwards flow from the left; other installation positions are possible; the installation position affects the switching point and range.	

Switch contact NOK

Switch	reed switch
Switching range	3..50 l/min, for details see table "Ranges"
Tolerance	±5 % of the full scale value, minimum 1 l/min
Ambient temperature	-20..+70 °C
Wiring	normally open (n.o.) no. 0.378 
Switching voltage	max. 250 V AC
Switching current	max. 1 A
Switching capacity	max. 50 VA
Protection class	2 - safety insulation
Ingress protection	IP 65
Electrical connection	for round plug connector M12x1, 4-pole
Materials	POM
Weight	0.02 kg

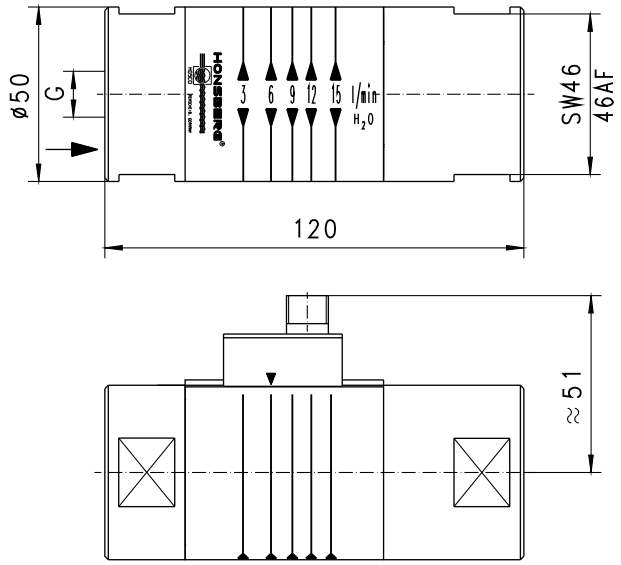
Ranges

For switching ranges, the details in the table correspond to horizontal inwards flow and decreasing flow rate; for display ranges they correspond to horizontal inwards flow and increasing flow rate.

G	**Display range** l/min H_2O	**Switching range** l/min H_2O	**$Q_{max.}$** recommended	**Types**
G $^1/_4$	3 - 15	3 - 12	15	NO.-008G.015
G $^3/_8$				NO.-010G.015
G $^1/_2$	5 - 30	5 - 25	30	NO.-015G.030
G $^3/_4$	5 - 50	5 - 40	50	NO.-020G.030
G 1	10 - 60	10 - 50	60	NO.-025G.060

Dimensions and weights

G	Types	X	Weight kg
G 1/4	NO.-008G.015	13	1.30
G 3/8	NO.-010G.015		1.25
G 1/2	NO.-015G.030	15	
G 3/4	NO.-020G.030	18	1.15
G 1	NO.-025G.060		1.05



Handling and Operation

- Include straight calming section of 5 x DN in inlet and outlet.
- If the media are dirty, install a filter (use magnetic filter for ferritic components).
- It must be ensured that the values given for voltage, current, and power are not exceeded.
- When switch on, a load must be connected in series.
- The electrical details apply to ohmic loads. Capacitive, inductive and lamp loads must be operated using a protective circuit.
- Remove the transport lock (white plastic screw in acrylic body) before starting operation. Then seal the threaded hole with the sticker (included in the shipment).

Ordering code

	1.	2.	3.	4.	5.
NO			**G**		

❍=Option

1.	**Switching contact**							
	-	flow indicator without switching contact						
	K-	flow indicator with switching contact						
2.	**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						
3.	**Process connection**							
	G	female thread						
4.	**Connection material**							
	M	brass						
5.	**Display range/switching range H_2O for vertical inwards flow**							
	015	3 -15 l/min					●	●
	030	5 -30 l/min				●		
	050	5 -50 l/min			●			
	060	10 -60 l/min	●					

Options

- Display range 20..100 %
- Special values

Ordering information

- Specify direction of flow, medium, and display range.
- For oils. State viscosity, temperature and designation (e.g. ISO VG 68) (enquire about display range).
- For gases, state pressure (relative or absolute), temperature and medium (e.g. air) (request display range)