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HONSBERG

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MP-008..080GR

Product Information

Flow Indicator MP-...GR



- No electrical supply required
- Insensitive to dirt
- Also for dark or dirty media
- Rotatable scale, easy to read
- No glass parts under load from pressure or media

Characteristics

The volume flow raises a disc against a spring force. Via a tappet, the disc actuates a magnet which is coupled to a hermetically sealed display ring.

Technical data

Switch/sensor	without	
Nominal width	DN 8..80	
Process connection	female thread G 1/4 ..G 3	
Range	1.5..600 l/min	for details see table "Ranges"
Q _{max.}	to 600 l/min	
Tolerance	±5 % of full scale value	
Pressure resistance	G 1/4..G 1/2	- PN 100 bar
	G 3/4..G 1	- PN 25 bar
	G 1 1/4 .. G 3	- PN 16 bar
Medium temperature	-20..+100 °C	
Ambient temperature	-20..+70 °C	
Media	water (oils and gases available on request)	
Electrical data	none	
Materials medium-contact	Rg 5 / Rg 6 nickelled, CW614N, 1.4310, hard ferrite, NBR	
Non-medium-contact materials	Acrylic, CW614N, NBR	
Weight	see table "Dimensions and weights"	
Installation location	Standard: horizontal inwards flow; display downwards not recommended; other installation positions are possible; the installation position affects the switching point and range.	

Ranges

Details in the table correspond to horizontal inwards flow with increasing flow rate.

● = Standard ○ = Option

G	Nominal width		Display range l/min H ₂ O	Q _{max.} recommended	Types
G 1/4	DN 8	●	1.5 - 6	6	MP-008GR006
		○	2.5 - 10	10	MP-008GR010
G 3/8	DN 10	○	1.5 - 6	6	MP-010GR006
		●	2.5 - 10	10	MP-010GR010
G 1/2	DN 15	○	1.5 - 6	6	MP-015GR006
		○	2.5 - 10	10	MP-015GR010
		●	5.0 - 20	20	MP-015GR020
G 3/4	DN 20	○	2.5 - 10	10	MP-020GR010
		○	5.0 - 20	20	MP-020GR020
		●	10.0 - 40	40	MP-020GR040
G 1	DN 25	○	2.5 - 10	10	MP-025GR010
		○	5.0 - 20	20	MP-025GR020
		●	10.0 - 40	40	MP-025GR040
G 1 1/4	DN 32	○	12.0 - 60	60	MP-032GR060
		●	20.0 - 100	100	MP-032GR100
G 1 1/2	DN 40	●	30.0 - 150	150	MP-040GR150
G 2	DN 50	○	50.0 - 250	250	MP-050GR150
		●			MP-050GR250
G 2 1/2	DN 65	○	80.0 - 400	400	MP-065GR250
		●			MP-065GR400
G 3	DN 80	○	120.0 - 600	600	MP-080GR400
		●			MP-080GR600

Special ranges are available.

Dimensions and weights

G	Types	H	L	SW	X	Weight kg
G 1/4	MP-008GR...	130	68	29	12	1.1
G 3/8	MP-010GR...				13	
G 1/2	MP-015GR...					
G 3/4	MP-020GR...	133	73	32	11	1.2
G 1	MP-025GR...	136	87	41	12	1.4
G 1 1/4	MP-032GR...	150	98	52	13	2.0
G 1 1/2	MP-040GR...	154	113	59	14	2.6
G 2	MP-050GR...	184	137	72	17	4.2
G 2 1/2	MP-065GR...	200	160	85	26	5.6
G 3	MP-080GR...		148	100	23	8.3

