

PÁDLOVÝ HLÍDAČ PRŮTOKU VM

Flow Switch VM-...E

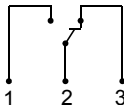


- Can be used from nominal width DN 40..200
- Precise, stepless adjustment of the switching value

Characteristics

The paddle movement of the flow switch is transmitted via a magnetic coupling to an adjustably arranged micro switch.

Technical data

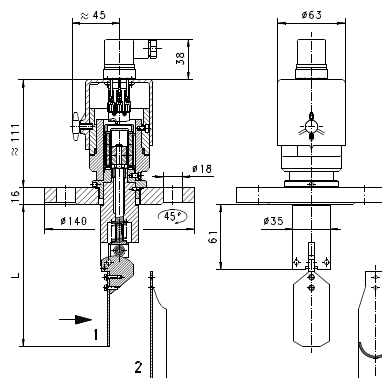
Switch	micro switch	
Nominal width	DN 40..200	
Process connection	installation flange DIN 2527 DN 32 PN 16 sealing surface as per DIN 2526 form C	
Switching range	40..3600 l/min	for details see Table "Ranges and dimensions"
Q _{max.}	up to 5400 l/min	
Tolerance	±5 % of full scale value	
Pressure resistance	PN 16 bar	
Medium temperature	-20..+90 °C, optionally -20..+200 °C, type VMX on request	
Ambient temperature	-20..+70 °C	
Media	water (oils available on request)	
Wiring	changeover no. 0.213	
Switching voltage	max. 250 V AC	
Switching current	max. 5 A	
Protection class	2 - safety insulation	
Ingress protection	IP 65	
Electrical connection	plug DIN 43650-A / ISO 4400	
Materials medium-contact	<i>Brass construction:</i> Rg 5, CW614N nick- elled, 1.4305, 1.4301, 1.4310, 1.4571, NBR, hard ferrite	<i>Stainless steel construction:</i> 1.4305, 1.4301, 1.4310, 1.4571, FKM, hard ferrite
Non-medium- contact materials	ABS, PA	

Weight	DN 40..150 DN 200	3.0 kg 3.5 kg
Installation location	Standard: horizontal inwards flow; display downwards and inwards flow from above not recommended; other installation positions are possible; the installation position affects the switching point and display range.	

Ranges and dimensions

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

DN	Switching range l/min H ₂ O	Q _{max.} recommended	Types	Paddle form	L
DN 40	40 - 150	250	VM-040E.150	1	93
DN 50	50 - 150	450	VM-050E.150		104
	100 - 300		VM-050E.300		96
DN 65		550	VM-065E.300	2	115
	125 - 375		VM-065E.375		90
DN 80	150 - 400	900	VM-080E.400		118
	200 - 600		VM-080E.600		115
DN 100	250 - 750	1400	VM-100E.750		158
	300 - 900		VM-100E.900		122
DN 150	500 - 1500	2700	VM-150E.1500	2	198
	600 - 1800		VM-150E.1500		
DN 200	1000 - 3000	5400	VM-200E.3000		213
	1200 - 3600		VM-200E.3600		



Attention! Flange seal not included in scope of delivery

