

ADJUSTABLE FLOW SWITCHES TYPE MR1

CHARACTERISTICS

Applications: Water, Oil, Viscous fluids max 300 Cst (@ this viscosity changes the flow ranges)

Max working pressure: 200 bar

Max working temperature: 120 °C

Accuracy: ±5% f.s.

Materials: Body - Nickel plated brass, (GM), S. Steel AISI 316T (GK)

Piston - Brass (GM), S. Steel AISI 316 (GK)

Spring - S. Steel AISI 316

Magnet - Ferrite (GM), Ferrite PTFE coated (GK)

Switch head - Polycarbonate

Contacts: Adjustable SPDT

Protection: IP65 with PG9 DIN43650

Max Voltage: 220/50 V/Hz

Mounting position: free



ORDERING CODE

MR1KV	008	GM	004	IP65	0213
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Type

Tab.1 Range

Tab.2 Materiale

Tab.1 Dimensions and connections thread

Tab.3 Protection

Tab.4 Wiring

TECHNICAL DATA - Tab.1

MODEL	DN	P max bar	T max °C	Adjustable flow range lt/min H ₂ O			Q max lt/min	Δ P Qmax bar	Code Adjustable range		
MR1KV-008	1/4"	200	120	0,4 - 4			10	0,5	0,4 - 4	004	
MR1KV-010	3/8"	200	120	0,4 - 4	1 - 10		20	0,5	1 - 10	010	
MR1KV-015	1/2"	200	120	1 - 10	2 - 20	3 - 30	40	0,5	2 - 20	020	
MR1KV-020	3/4"	200	120	3 - 30		4 - 40	60	0,5	3 - 30	030	
MR1KV-025	1"	200	120	4 - 40		6 - 60	80	0,5	4 - 40	040	
Thread	DN	UNI 228/1								6 - 60	060
Accuracy	± 5% F.S.										
Isteresys	10% - minimum 0,5 lt/min										

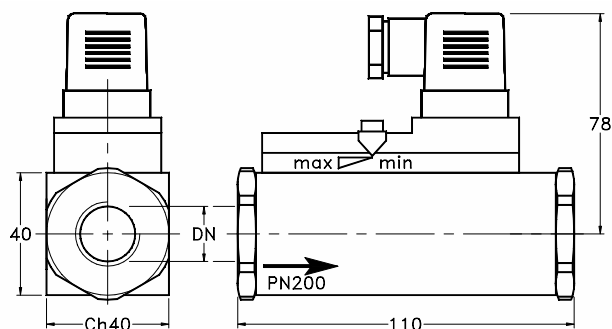
MATERIALS - Tab. 2

Description	Code	
	GM	GK
Body	Nickel plated brass	S. Steel 1.4571
Piston	Brass	S. Steel 1.4404
Spring	S. Steel 1.4310	S. Steel 1.4310
Magnet	Ferrite	Ferrite PTFE coat.
Switch head	Polycarbonate	Polycarbonate

ELECTRICAL DATA - Tab. 3

Description	Characteristics					
Contact	REED	SPDT	250 VCA	1,5 A	50 VA	
Electrical entry	Connettore		DIN 43650A			
Protection	IP65					
Options						
Diode	LED	Red colour integrated into DIN plug				
Supply	VCA	230	110	48	24	12 To specify

DIMENSIONS



WIRING

