

GENERAL CHARACTERISTICS



Flow meter with floating piston technology for very low flow rates. The pressure difference created by the by-pass hole of the piston determines the working field. The new calibration system, with safety lock, allows easy adjustment of the set value. The electrical connection is made via DIN 43650-C plug.

- Hermetic separation between flow chamber and electric head.
- No restrictions on mounting position.
- High operating pressure.
- Calibration adjustment.



TECHNICAL DATA

Tab.1

DN	Type	P max Bar	T max °C	Flow rate setting ranges ref. H ₂ O		Q max	ΔP Q max Bar	Code Setting ranges	
1/4"	RVM-008	300	100	40 – 130	ml/min	168	0.2	40 – 130	013
				0,1 – 0,6	l/min	0,72	0.2	0,1 – 0,6	060
				0,5 – 3,0	l/min	3,60	0.2	0,5 – 3,0	300

Setting ranges for decreasing flow and horizontal mounting.

DN	Thread	Parallel UNI 228/1
Precision	± 10% F.S.	
Hysteresis	15% - minimum 1 ml/min.	

MATERIALS

Tab.2

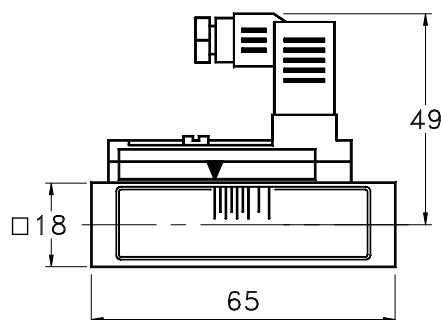
Description	Code GM	Code GK
Body	Nickel plated brass	Stainless steel 1.4571
Piston	Brass	Stainless steel 1.4571
Spring	Stainless steel 1.4571	Stainless steel 1.4571
Magnet	Ferrite	Ferrite
Electric head	Polycarbonate	Polycarbonate

ELECTRICAL DATA

Tab.3

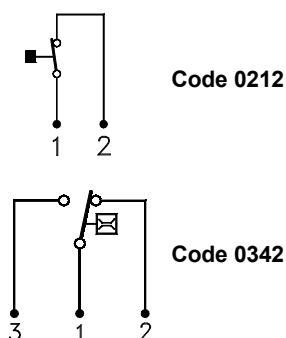
Description	Characteristics				
	Contact	Reed	N.O.	200V	1,0A
Electrical output	Plug	SPDT	On request		
Protection	IP65				

DIMENSIONS mm.



WIRING

Tab.4



NOMENCLATURE

RVM	008	GM	060	IP65	0212	Name - Type
•						Tab.1 Process connection dimension and thread
	•					Tab.2 Material
		•				Tab.1 Setting range
			•			Tab.3 Degree of protection
				•		Tab.4 Wiring