

## GENERAL CHARACTERISTICS



Piston flow switch float measuring principle.  
 The flow working range depends from the differential pressure generated in the flow chamber. The adjustment is very simple and the setting mechanism has a safe locking system.  
 Electrical connection by DIN 43650-A plug.

- Oil viscosity compensation 30-600 cst
- Flow visual indication
- High switch accuracy
- Hermetic separation of mechanical and electrical components
- Free installation position
- ATEX version available



## TECHNICAL DATA Tab.1

DN	Ø	Type	P max Bar	T max °C		Adjustable range l/min 30-600 cst	Code range
				S	H		
008	1/4"	KGV1-008.GM	10	100	160	0,1 - 0,8	001
015	1/2"	KGV1-015.GM				0,5 - 1,5	002
020	3/4"	KGV1-020.GM	10	100	160	1 - 4	004
025	1"	KGV1-025.GM				2 - 8	008
015	1/2"	KGV1-015.GM	10	100	160	3 - 10	010
020	3/4"	KGV1-020.GM				5 - 15	015
025	1"	KGV1-025.GM				8 - 24	024
						10 - 30	030
020	3/4"	KGV1-020.GM	10	100	160	15 - 45	045
025	1"	KGV1-025.GM				20 - 60	060
						30 - 90	090

DN	Thread	UNI 228/1
Accuracy	± 10% F.S.	
Hysteresis	15% minimum 0,5 l/min	
Pressure drop	0,02 to 0,4 bar	

2	2	3
1	Code 0212	
	Code 0342	

Adjustable ranges are indicated for horizontally decreasing flow

## MATERIALS Tab.2

	GM	GK
Housing (*)	Anodized aluminium	Anodized aluminium
Sight glass	Duran® 50	Duran® 50
Piston/Piston	Brass	St. steel 1.4571
Spring/Spring	St. steel 1.4571	St. steel 1.4571

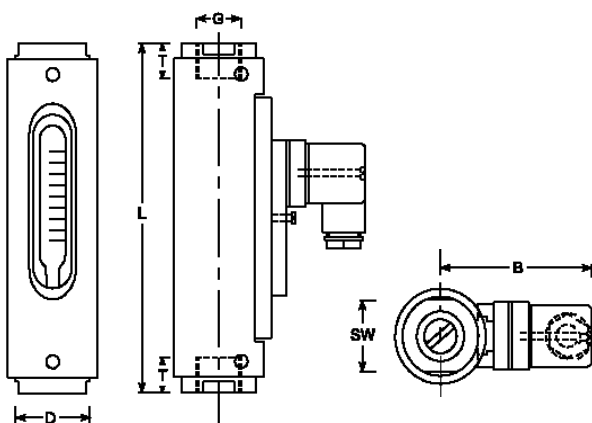
(\*) non wetted part

## ELECTRICAL DATA Tab.3

Description	Characteristics				
Contact	Reed	N.A.	250V	3,0A	100VA
		SPDT(*)	250V	1,5A	50VA
Electrical entry	Plug		DIN 43650-A	IP65	
			M12x1	IP67	

(\*) minimum load 3V

## DRAWING



## DIMENSIONS - mm

Range	DN	SW	D	B	T	L	Kg	
001	08	41	45	99	10	144	0,85	
002	15							
004	20	41	45	99	15	138	0,85	
	25							
008	15	41	45	99	15	144	0,85	
010								20
015								25
024					25	158		
030	20	41	45	99	20	138	0,85	
045								25
060								25
090								25

## NOMENCLATURE

KGV1	008	GM	002	IP65-S	0212
•					
	•				
		•			
			•		
				•	
					•

	Type
Tab.1	Dimensions Size and connections thread
Tab.2	Material
Tab.1	Adjustable range
Tab.1-3	Protection class – Temperature class
Tab.14	Wiring – Contact type