

## ASCO - 238 SERIES PILOT OPERATED

2/2

SCG238A048  
Solenoid valve 2/2 NC 3/4" 230/50

- Normally closed
- 3/8" up to 2" pipe size
- Air, inert gas & water
- Housing in brass or stainless steel
- Flow rates from 2.1 up to 34 m<sup>3</sup>/h



### PRODUCT DESCRIPTION

<b>Differential pressure</b>	0-10 bar
<b>Max. allowed pressure</b>	16 bar
<b>Max. viscosity</b>	40 cSt (mm <sup>2</sup> /s)
<b>Response time</b>	15-120 ms
<b>Media</b>	Water
<b>Media temperature</b>	-20 °C to +85 °C NBR (nitrile)
<b>Ambient temperature</b>	-20 °C to +75 °C (6 W coil) -20 °C to +50 °C (9/15.3 W coil)
<b>IP-class</b>	IP65
<b>Standard voltages</b>	DC (=) 24 V AC (~) 24 V-115 V-230 V/50 Hz
<b>Connection</b>	DIN 43650/A
<b>Design</b>	
<b>Valve body</b>	Brass
<b>Core tube</b>	Stainless 305SS
<b>Core</b>	Stainless 430FSS
<b>Spring</b>	Stainless 302SS
<b>Seat</b>	Brass

<b>Seals</b>	NBR
<b>Diaphragm</b>	Fibreglass-reinforced NBR
<b>Shading ring</b>	Copper
<b>Coil</b>	Epoxy

NC	
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## DIMENSIONS

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Valve	A	B	C	D	E	F	G	H	J	K	Weight (kg)
<b>SCG238A044</b>	80	45	27.5	52	39	27	37	72	85	104	0.55
<b>SCG238A046</b>	80	45	27.5	52	39	27	37	72	85	104	0.5
<b>SCG238A047</b>	80	45	27.5	65	39	27	58	74	87	106	0.75
<b>SCG238A048</b>	80	45	27.5	67	39	32	58	76	92	111	0.7
<b>SCG238A049</b>	80	45	27.5	86	39	41	73	92	112	131	1.3
<b>SCG238A050</b>	80	45	27.5	86	39	41	73	92	112	131	1.2

## ORDER NUMBER

Item no.	Connection	Orifice	Flow factor Kv		Differential pressure bar			Power W	
			m <sup>3</sup> /h	l/min.	min.	~	=	~	=
							water		
	<b>G</b>	<b>mm</b>	<b>m<sup>3</sup>/h</b>	<b>l/min.</b>	<b>min.</b>	<b>~</b>	<b>=</b>	<b>~</b>	<b>=</b>
<b>Brass housing, NBR seals</b>									
SCG238A044	3/8	12.5	2.1	35	0	10	10	6	15.3
SCG238A046	1/2	12.5	2.1	35	0	10	10	6	15.3
SCG238A047	1/2	19.0	4.2	70	0	10	10	6	15.3
SCG238A048	3/4	19.0	4.5	75	0	10	10	6	15.3
SCG238A049	3/4	25.0	10.0	166	0	10	10	9	15.3
SCG238A050	1	25.0	10.0	166	0	10	10	9	15.3

### Repair kits and coils

	Item number		Item number			
	Repair kit		Coils			
Valve	AC	DC	24 V DC	24 V AC	115 V AC	230 V AC

SCG238A044	C132486	C132487	400325242	400325101	400325118	400325117
SCG238A046	C132486	C132487	400325242	400325101	400325118	400325117
SCG238A047	C132488	C132489	400325242	400325101	400325118	400325117
SCG238A048	C132488	C132489	400325242	400325101	400325118	400325117
SCG238A049	C132490	C132491	400325242	400325201	400325218	400325217
SCG238A050	C132490	C132491	400325242	400325201	400325218	400325217

## SPECIAL VERSIONS

- Other voltages

## ACCESSORIES

- Cable connector - C18209N21

## SPECIFICATIONS

Differential Pressure Air Max	10
Differential Pressure Max	10
Differential Pressure Min	0
Differential Pressure Water Max	10
Flow Factor / Flow Coefficient	10
Flow Max l/min Double	166
IP Class	IP65
Max. pressure	16
Power Consumption	6
Temperature range from	-20
Temperature range of media from	-20
Temperature range of media to	85
Temperature range to	50
Throughput	25
Weight	1.3
Viscosity Max	40
Voltage AC	230

