



### FEATURES

- Very small size and easy assembly
- Mixing or distributing function
- AC/DC interchangeability of the solenoid without disassembling the valve
- Quick disassembly of core tube for easy maintenance of internal parts
- Standard disc seal made of FPM suitable for a wide range of operating temperatures and compatible with many fluids
- Compliance with UL and CSA standards
- The solenoid valves satisfy all relevant EC directives

### GENERAL

**Differential pressure** See «SPECIFICATIONS» [1 bar = 100 kPa]  
**Maximum viscosity** 40 cSt (mm<sup>2</sup>/s)  
**Response time** 5 - 10 ms

fluids (*)	temperature range (TS)	seal materials (*)
air, inert gas, water, oil	- 10°C to + 100°C	FPM (fluoroelastomer)

### MATERIALS IN CONTACT WITH FLUID

(\*) Ensure that the compatibility of the fluids in contact with the materials is verified

<b>Manifold body</b>	Brass
<b>Core tube</b>	Stainless steel
<b>Core and plugnut</b>	Stainless steel
<b>Springs</b>	Stainless steel
<b>Seat</b>	Brass
<b>Seals</b>	FPM
<b>Disc</b>	FPM
<b>Shading coil</b>	Copper

### ELECTRICAL CHARACTERISTICS

**Coil insulation class** F  
**Connector** Spade plug (cable Ø 6-7 mm)  
**Connector specification** DIN 43650, 11 mm, industry standard B  
**Electrical safety** IEC 335  
**Electrical enclosure protection** Moulded IP65 (EN 60529)  
**Standard voltages** (2) DC (=) : 24V - 48V  
 (Other voltages and 60 Hz on request) AC (~) : 24V - 48V - 115V - 230V / 50 Hz

prefix option	power ratings				operator ambient temperature range (TS) (C°)	replacement coil		type (1)
	inrush ~	holding ~		hot/cold =		~	=	
	(VA)	(VA)	(W)	(W)		230 V/50 Hz	24 V DC	
SC	12	6	4	4,5 / 5,5	-10 to + 60	43005429	43005413	01

(1) Refer to the dimensional drawings on the following page.

(2) Duty cycle: 50% (30 min)

### SPECIFICATIONS

pipe size	orifice size	flow coefficient Kv		operating pressure differential (bar)								power coil (W)	Number of valves	catalogue number	options		
				max. (PS)											EPDM		
				min.	air, water (*)		oil (*)										
G	(mm)	(m <sup>3</sup> /h)	(l/min)	~	=	~	=	~	=	~	=	~	=	~/=			
<b>NC - Normally closed</b>																	
1/8 (3)	1,6	0,08	1,33	0	20	12	20	12	12	4	5,5	2	SCG256A819V	E	-	-	
												3	SCG256A820V	E	-	-	
												4	SCG256A821V	E	-	-	
												5	SCG256A822V	E	-	-	
												6	SCG256A823V	E	-	-	
												7	SCG256A824V	E	-	-	
												8	SCG256A825V	E	-	-	
												9	SCG256A826V	E	-	-	
												10	SCG256A827V	E	-	-	
												2,4	0,13	2,16	0	12	4
3	SCG256A856V	E	-	-													
4	SCG256A857V	E	-	-													
5	SCG256A858V	E	-	-													
6	SCG256A859V	E	-	-													
7	SCG256A860V	E	-	-													
8	SCG256A861V	E	-	-													
9	SCG256A862V	E	-	-													
10	SCG256A863V	E	-	-													

(3) Pipe size port 2: M5



