

FEATURES

- Very small size and easy assembly
- 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 EU directives

GENERAL

Differential pressure See «SPECIFICATIONS» [1 bar =100 kPa]
Maximum viscosity 40 cSt (mm²/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

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

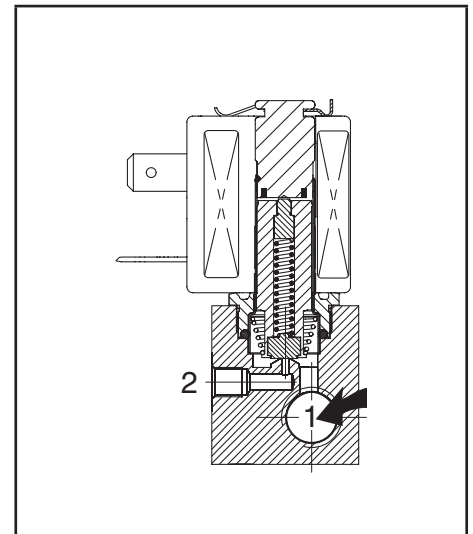
ELECTRICAL CHARACTERISTICS

Coil insulation class F
Connector Spade plug (cable Ø 6-8 mm)
Connector specification DIN 43650, 11 mm, norma industrial 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	5 / 6,9	-10 to +60	400127-197	400127-142	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			
				min.	max. (PS)		EPDM								
					air, water (*)	oil (*)									
G	(mm)	(m ³ /h)	(l/min)												
NC - Normally closed															
1/8 (3)	1,6	0,08	1,33	0	20	12	20	12	4	6,9	2	SCG256B819V	E	-	-
											3	SCG256B820V	E	-	-
											4	SCG256B821V	E	-	-
											5	SCG256B822V	E	-	-
											6	SCG256B823V	E	-	-
											7	SCG256B824V	E	-	-
											8	SCG256B825V	E	-	-
											9	SCG256B826V	E	-	-
											10	SCG256B827V	E	-	-
						1/8 (3)	2,4	0,13			2,16	0	12	4	12
			3	SCG256B856V	E				-	-					
			4	SCG256B857V	E				-	-					
			5	SCG256B858V	E				-	-					
			6	SCG256B859V	E				-	-					
			7	SCG256B860V	E				-	-					
			8	SCG256B861V	E				-	-					
			9	SCG256B862V	E				-	-					
			10	SCG256B863V	E				-	-					

(3) Pipe size port 2: M5

