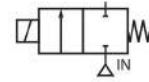




SOLENOID VALVES

direct operated
for liquid CO₂ applications
1/8

NC



2/2
Series
264

FEATURES

- The valves are designed for the control of liquid CO₂ in applications such as low temperature tumbling barrels, environmental test chambers and other cooling applications where constant low temperature control is essential
- Valves do not require a minimum operating pressure and have a high operating pressure as indicated
- Valve operation is not affected by mounting position
- The solenoid valves satisfy all relevant EC Directives

GENERAL

Differential pressure 0 - 70 bar [1 bar = 100 kPa]
Maximum viscosity 65 cSt (mm²/s)
Response times 5 - 25 ms

fluids (*)	temperature range (TS)	seal materials (*)
CO ₂ , liquid / gas	- 60°C to + 60°C	UR (cast urethane)



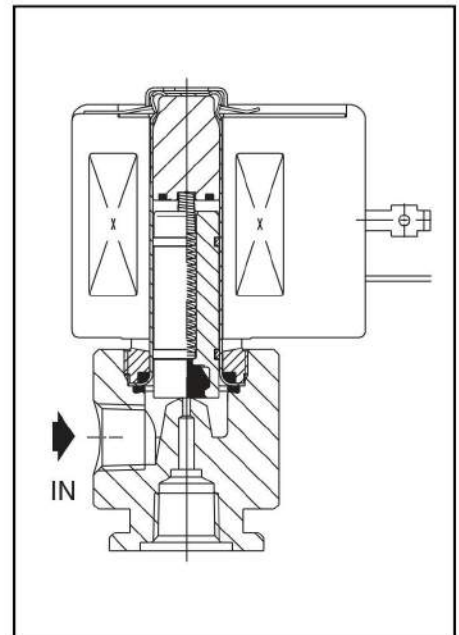
MATERIALS IN CONTACT WITH FLUID

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

Body Brass (nickel plated)
Core tube Stainless steel
Core and plugnut Stainless steel
Spring Stainless steel
Seat Brass
Seals UR
Disc UR
Shading coil Copper

ELECTRICAL CHARACTERISTICS

Coil insulation class F
Connector Spade plug (cable Ø 6-10 mm)
Connector specification ISO 4400 / EN 175301-803, form A
Electrical safety IEC 335
Electrical enclosure protection Moulded IP65 (EN 60529)
Standard voltages 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 ~			~	=	
	(VA)	(VA)	(W)	(W)		230 V/50 Hz	24 V DC	
SC	37,6	28	13,8	9,5/15,3	-20 to + 50	400325-217	400325-242	01

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

SPECIFICATIONS

pipe size	orifice size (mm)	flow coefficient Kv (m ³ /h) (l/min)		operating pressure differential (bar)				power coil (W)		catalogue number
				min.	max. (PS)		liquid/gas CO ₂ (*)			
					~	=				
NPT	(mm)	(m ³ /h)	(l/min)							~/=
NC - Normally closed										
1/8	1,2	0,05	0,83	0	70	70	13,8	15,3	SCB264D009	
	2,4	0,17	2,83	0	20	20	13,8	15,3	SCB264D010	