



SOLENOID VALVES

direct operated

1/4

NC



U



NO



3/2
Series
374

FEATURES

- Compact valve intended for single acting actuator control
- Two maximum pressure ratings depending on coil power
- AC/DC interchangeability of the solenoid head without any need for disassembly of the valve
- The solenoid valves satisfy all relevant EC directives

GENERAL

Differential pressure

See «SPECIFICATIONS» [1 bar = 100 kPa]

Maximum viscosity

40 cSt (mm²/s)

Response time

8 - 20 ms

fluids (*)	temperature range (TS)	seal materials (*)
air, inert gas, water, oil	- 25°C to + 80°C	NBR (nitrile)

MATERIALS IN CONTACT WITH FLUID

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

	Brass body	Stainless steel body
Body	Brass	AISI 316L (1.4404)
Internal parts	Stainless steel	Stainless steel
Springs	Stainless steel	Stainless steel
Seat	Brass and stainless steel	Stainless steel
Seals	NBR	NBR
Shading coil	Copper	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)	replacement coil		type (1)
	inrush	holding	hot/cold		~	=	
	(VA)	(VA)	(W)		(C°)	230 V/50 Hz	
SC	23	14	8	8 / 10,8	-25 to + 60	43005096	01
	55	23	10,5	9 / 11,2	-25 to + 60	400425-117	02

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

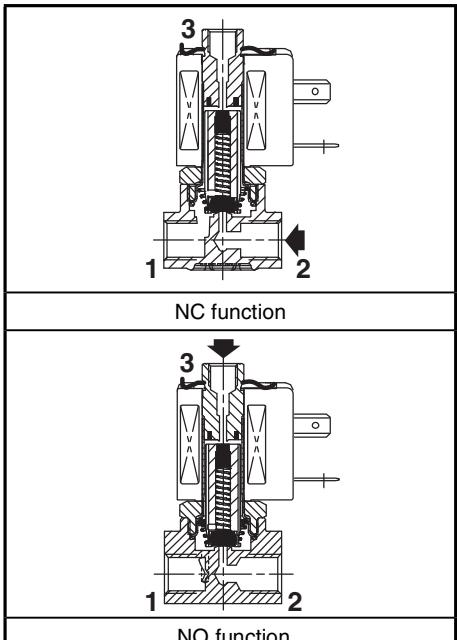
SPECIFICATIONS

pipe size	orifice size	flow coefficient Kv	operating pressure differential (bar)						power coil (W)	catalogue number						options				
			max. (PS)							brass										
			min.		air (*)		water/oil (*)			~		=		~		=				
(G*)	(mm)	(m ³ /h) (l/min)	~	=	~	=	~	=		~	=	~	=	~	=	~	=	FPW	EPDM	
NC - Normally closed																				
1/4	2 ⁽³⁾	0,11	1,8	0	16	8	16	8	10,8	SCE374A001	SCE374A061	SCE374A031	SCE374A070	MS	V	E				
	2,7	0,22	3,6	0	10	5	10	5	8	SCE374A016	SCE374A016	SCE374A046	SCE374A046	MS	V	E				
	3,8	0,32	5,3	0	5	2	5	2	8	SCE374A002	SCE374A062	SCE374A032	SCE374A071	MS	V	E				
1/4	2,7	0,22	3,6	0	10	5	10	5	10,5	SCE374A017	SCE374A017	SCE374A047	SCE374A047	MS	V	E				
	3,8	0,32	5,3	0	5	2	5	2	10,5	SCE374A003	SCE374A063	SCE374A033	SCE374A072	MS	V	E				
	3,8	0,32	5,3	0	5	2	5	2	11,2	SCE374A018	SCE374A018	SCE374A048	SCE374A048	MS	V	E				
U - Universal																				
1/4	2,7	0,22	3,6	0	8	-	4	-	8	10,8	SCE374A012	-	SCE374A042	-	MS	V	E			
	3,8	0,32	5,3	0	4	-	4	-	8	10,8	SCE374A027	SCE374A027	SCE374A057	SCE374A057	MS	V	E			
NO - Normally open																				
1/4 ⁽²⁾	2,5	0,22	3,6	0	10	-	10	-	8	-	SCE374A007	-	SCE374A037	-	MS	V	E			
	2,7	0,22	3,6	0	10	10	10	10	10,5	SCE374A022	SCE374A022	SCE374A052	SCE374A052	MS	V	E				

(2) Pipe size of port 3: G 1/8.

(3) Orifice size port 3: 2,5 mm

(4) 1 → 3: 0,15 m³/h, 2,5 l/min



E