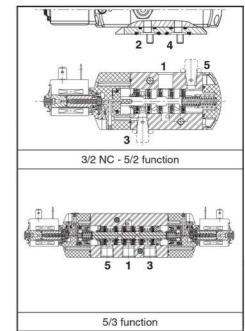
$\Delta Z C \Delta$

SPOOL VALVES

pilot operated or air operated, spool type single/dual solenoid or air aluminium body, "NAMUR" style, 1/4 - 1/2

Séries





FEATURES

- · The solenoid operated spool valves have threaded port connections and NAMUR
- The same spool valve can be adapted for 3/2 NC or 5/2 functions for controlling double-acting and single-acting actuators
- · All the exhaust ports of the spool valve are connectable, providing better environmental protection. Particularly recommended for sensitive areas, such as clean rooms, and applications in the pharmaceutical and food processing sectors
- The valves offer environmental protection against the ingress of liquids, dusts or other foreign matter (environmentally-protected construction)
- The monostable spool valves in conformity with IEC 61508 Standard (2010 route 2H version) have TÜV (551 series) and EXIDA (551-553 series) certified with integrity levels: SIL 2 for HFT = 0 / SIL 3 for HFT = 1
- The solenoid valves satisfy all relevant EC directives

Differential pressure 2 - 10 bar [1 bar = 100 kPa]

Flow (Qv at 6 bar) I/min (ANR)

700 3000

fluids (*)	temperature range (TS)	seal materials (*)			
air, inert gas, filtered	-25°C to +60°C	NBR (nitrile) + PUR (polyurethane)			

MATERIALS IN CONTACT WITH FLUID

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

Body, end cover Aluminium, black anodized

Glass fibre filled PA End cover (spring return)

Zamak, stainless steel, POM, aluminium Spool valve internal parts

Seals NBR + PUR Core tube Brass Core and plugnut Stainless steel Shading coil Copper

ELECTRICAL CHARACTERISTICS

Coil insulation class

Connector Spade plug (cable Ø 6-8 mm or Ø 6-10 mm) DIN 43650, 11 mm, industry standard B (type 01) Connector specification or ISO 4400 / EN 175301-803, form A (type 02) **Electrical safety**

IEC 335

Moulded IP65 (EN 60529) Electrical enclosure protection

Standard voltages DC (=): 24V - 48V

(Other voltages and 60 Hz on request) AC (~): 24V - 48V - 115V - 230V / 50 Hz

prefix option		power	ratings		operator	replacer		
	inrush ~ (VA)	holding ~		hot/cold	ambient temperature	replacei	type (1)	
				=	range (TS)	~	=	type ·
		(VA)	(W)	(W)	(C°)	230 V/50 Hz	24 V DC	
SC	6	3,5	2,5	2,5/3	-25 to +60	400127-097	400904-542	01
SC	15	7	5	4/5	-25 to +60	400727-117	400727-185	02

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

SPECIFICATIONS

design and specifications are subject to change without notice. All rights

00095GB-2015/R01 Availability,

pipe orifice coe	10000	ow	operating pressure differential (bar)		power coil (W)		catalogue	optio		ns		
	2000	coefficient Kv		max. (PS) n. air (*)			number	maintained man. operator				
G	(mm)	(m³/h)	(l/min)	illerenseere	~	=	~	=	~/=	maint man.		
3/2 N	C - 5/2 ·	Solen	oid air	pilot o	perate	d - spr	ing ret	urn (me	onostable)	1		Т
1/4	6	0,6	10	2	10	10	2,5	3	SCG551A001	MS	-	-
1/2	13	2,49	41,5	2	10	10	5	5	SCG553A001	MS		١.
3/2 N	C - 5/2 ·	- Solen	oid air	pilot o	perate	d and i	return (bistab	le)	- Sc		0.
1/4	6	0,6	10	2	10	10	2,5	3	SCG551A002	MS		*
1/2	13	2,49	41,5	2	10	10	5	5	SCG553A002	MS	-	-
5/3 - 1	W1 - pre	essure	held, s	olenoi	d air p	lot and	returr	i		100		1
1/4	6	0,6	10	2	10	10	2,5	3	SCG551A065	MS		-
1/2	13	2,49	41,5	2	10	10	5	5	SCG553A065	MS	-	2
5/3 - 1	W3 - pre	essure	release	ed, sol	enoid a	air pilo	t and re	eturn				
1/4	6	0,6	10	2	10	10	2,5	3	SCG551A066	MS	-	-
1/2	13	2,49	41,5	2	10	10	5	5	SCG553A066	MS	-	-
3/2 N	C - 5/2 -	Soleno	id air p	ilot ope	erated s	spring r	eturn (monosi	able), certified IEC 61508 Functional Safety data			
1/4	6	0,6	10	2	10	10	2,5	3	SCG551A001SL	-		3
1/2	13	2,49	41,5	2	10	10	5	5	SCG553A001SL			-