

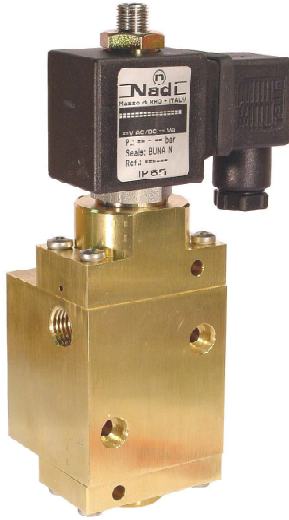


NAMUR INTERFACE SOLENOID VALVE PILOT OPERATED CONVERTIBLE - FIVE OR THREE WAY

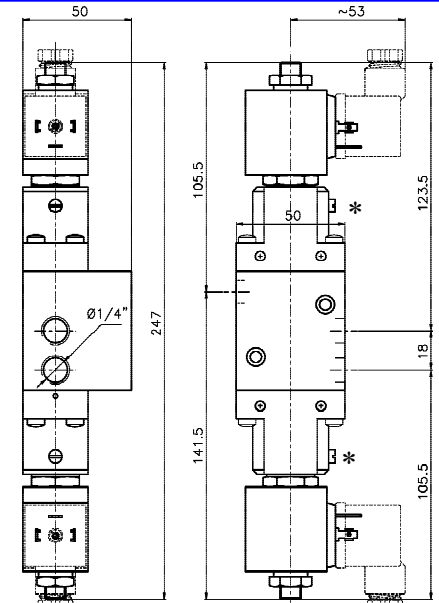
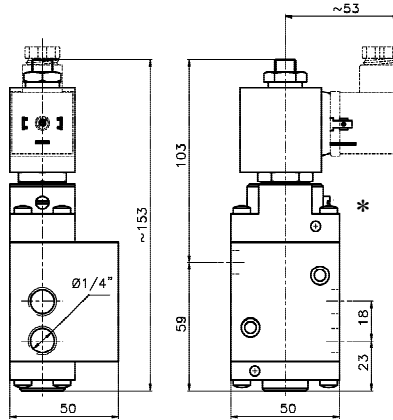
CODICE ABBREVIATO
SHORT CODE

D51.IP / D52.IP
D53.IP / D54.IP

GENERAL DESCRIPTION / APPLICATIONS / DIMENSIONS (in mm)



* Optional Manual Operator



Convertible five or three ways solenoid valve with NAMUR interface, pilot operated, two and three positions, monostable or bistable.

Suitable for gaseous media. Model for liquid media available upon request⁽¹⁾.

Stainless steel internal parts. Stainless steel spring. 360° degrees orientable solenoid. Mountable in any position.

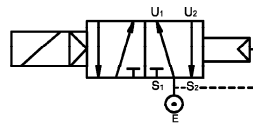
ELECTRICAL SPECIFICATIONS

Glass-reinforced nylon moulded coil with electrical connection suitable for DIN-43650B plug (2 poles+ground) or "faston" wire terminal.

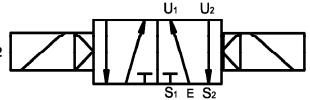
Nadi type: B2
Insulation class: F (155°C) - H (180°C) upon request.
Winding wire class: H (180°C)
Protection degree: IP-65 (EN60529 standards) when properly plug connected with DIN-43650B plug.
Duty: 100% ED
Power consumption: Alternate current 10VA (inrush 20VA)
Direct current 8W
Voltage tolerance: ± 10%
Insulation: >1000 MOhm
Dielectrical Strength: >2000 V/1'
Standard voltages 12, 24, 48, 110, 115, 125, 220, 240 Volt
DC= o AC~(50/60Hz): other voltages available upon request.

OPERATION AND AVAILABLE CONFIGURATIONS

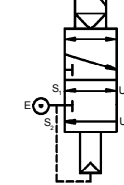
D50.D - Single Solenoid Monostable



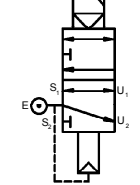
D51.D - 5/2 Double solenoid bistable



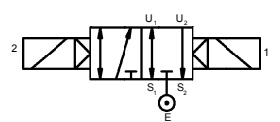
D50.D
3/2 N.C.



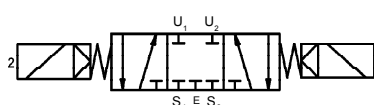
D50.D
3/2 N.O.



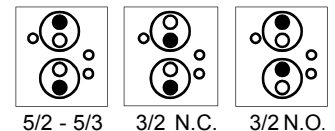
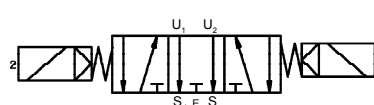
D51.D - 3/2 double solenoid bistable



D52.D - 5/3 Double solenoid bistable, closed centers.



D53.D - 5/3 Double solenoid bistable, open centers.



5 to 3 way conversion can be done changing the position of the dowels on the output of the solenoid valve base, according to the above schematic

○ OPEN ● CLOSE

SPECIFICATIONS AND AVAILABLE OPTIONS

MODEL						ORIFICE DIAMETER	PRESSURES IN BAR ⁽¹⁾			Flow factor kv (liters/min.')	WEIGHT Kg.	
							BODY RATING	MIN./MAX. OPERATING DIFFERENTIAL PRESSURE				
a	b	c	d	e	mm	MIN.		MAX. AC~	MAX. DC=			
D 5 0		7 0			P	7	10	3	10	10	12.5	1.2
D 5 1		7 0			P	7	10	3	10	10	12.5	1.5
D 5 2		7 0			P	7	10	3	10	10	12.5	1.5
D 5 3		7 0			P	7	10	3	10	10	12.5	1.5

suffix (options available upon request): ⁽¹⁾ "AP" (high pressure version), ⁽²⁾ "H20" (water duty version)

a	Body material	b	Port size	c	Seals material	d	Protection class	e	Optional features
T	Brass.	C	1/4" GAS	0	Buna N	P	IP 65	X	Stable Manual operator.
N	Nickel-plated brass	D	1/4" NPT	1	FPM				
				7	HNBR				

when properly plug connected with DIN-43650B plug.

Le caratteristiche possono subire variazioni senza preavviso / Characteristics may change without notice.

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