

SOLENOID VALVES

5/2 - PILOT OPERATED - COMPACT SERIES

TYPE : DS 252

DOUBLE SOLENOID WITH MANUAL OVERRIDE

Application

When the voltage supply is given to the solenoid it is energised & the valve is actuated. It remains actuated until the other solenoid is energised & shift to other position.

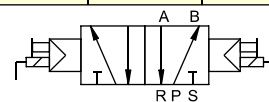
FOR DRY OR LUBRICATED AIR & INERT GASES

Ordering References

Port Sizes	Sectional Area in mm ²	Flow Factor	Power Consumption			MODEL / REF NO			
			DC in watts	AC in VA		Valve #	Coil	Plug	VOLTAGE AC / DC
		Lit / Min CV		Pull	Hold				

MODEL :- 252

Aluminium Body



G1/8	12	600	0.67	2.5 W	6 VA	3 VA	DS252-01-008-A-N	EF	PEL	12
G1/4	16	850	0.78	12V - 2.5W	24V - 7.0	3.5VA	DS252-02-008-A-N	DF	PD	24
G3/8	30	1800	1.68		110V - 5.0	2.5VA	DS252-03-008-A-N		PDL	110
G1/2	50	3000	2.79	24V - 3W	220V - 4.0	2 VA	DS252-04-008-A-N			220

Consult the technical sales department for manifold details.

Material Specification

Body	Aluminium optional Brass
Internals	Aluminium
Seals	Standard Nitrile Optional Viton

Technical Data

RESPONSE TIME	0.01 Sec.
MAX. WORKING FREQUENCY	5 Cycles / Sec.
VOLTAGE FLUCTUATION	+/-10%
ELECTRICAL CONNECTION	DIN PLUG CONNECTION
PLUG CONNECTOR	PD/PE STANDARD PLUG PDL/PEL STANDARD PLUG WITH LED
DUTY CYCLE / INSULATION	100% / CLASS F-STANDARD
DEGREE OF PROTECTION	STANDARD IP 65 (DIN 40050)

Condition of use

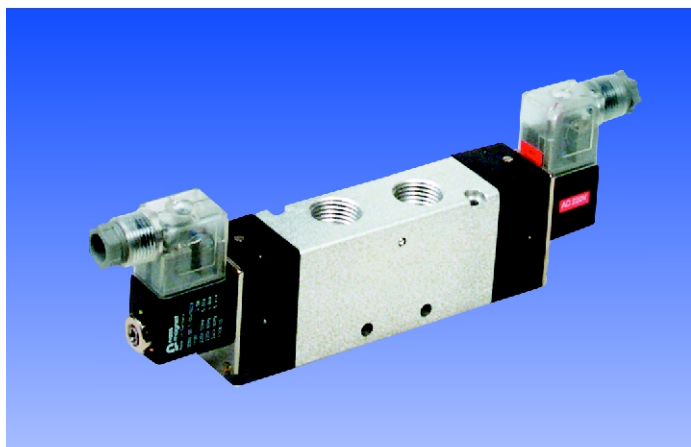
Minimum Operating Pressure	1.5 Kg/Cm ²
Maximum Operating Pressure	8 Kg/Cm ²
Max. Operating Temp.	60° C

Model Ordering Code Instruction

DS	-	252	-	01	-	008	-	A	-	N	-	EF	-	PEL	-	220V	-	AC
Type		Sizes		Pressure Range		Body Mat.		Seal Mat.		Coil Type		Plug Type		Coil Voltage		AC		DC
Single Solenoid		01-G1/8		1.5 - 8 Kg/Cm ²		A-Aluminium		N-Nitrile		DF - Type		PE/PD		-Std 12 - 12V				
2-Pilot Operated		02-G1/4				B-Brass		V-Viton		D, 6VA		PEL/PDL-Led		24 - 24V				
		03-G3/8				S-SS304				EF - Type				48 - 48V				
		04-G1/2								E, 4.5VA				110-110V				
										F-Class				220-220V				
						Blank - BSP												
						N - NPT												

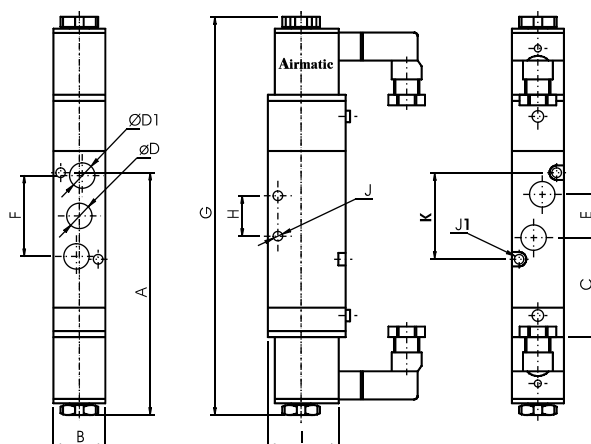
ORDER CODE : DS252-01-008-A-N-EF-PEL-220 VAC.

Airmatic



Dimensions

TYPE : DS 252



MODELS	DIMENSIONS												WEIGHT
	A	B	C	D	D1	E	F	G	H	I	J/ J1	K	Kgs.
DS252-01	82	18	60	G1/8	G1/8	16	28	139.5	14	27	3.3	30	0.175
DS252-02	117	21	88	G1/4	G1/8	21	30	170	21	35	4.3/3.2	38	0.320
DS252-03	117	27	95	G3/8	G1/4	24	45	189	24	40	4.3	50	0.400
DS252-04	143	34	107	G1/2	G1/2	36	63	222	28	50	5.5	72	0.770

DIMENSIONS ARE IN MM

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