

SOLENOID VALVES

2/2,3/2 DIRECT OPERATED MICROSOL

TYPE : MSS 121, MSS 131

SOLENOID OPERATED SPRING RETURN PILOT VALVE

Application

For air & inert gases used in pilot actuation in valves and manifolds. Manifold version is also available for specific industrial requirements for dental industry, Medical labs, laser machines, CD machines etc.



Port Sizes	Orifice	Flow Factors		Admissible Pressure Range	Max. Admissible Temperature	Seal Material	Power Consumption		Model/Ref. No				
							DC in Watts	AC in VA		Valve #	Coil	Plug	Voltage AC / DC
								Pull	Hold				
G	mm	Qn(Nlit/Min)	CV	(Kg/cm²)	C°								

Model:- 121, 2/2 Way

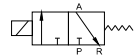
Brass Body / Pipe Mounting



G 1/8	2.5	60	0.23	0-10	60	Viton	6	9	6.5	MSS 121-01-010-B-N	DF	PD	12
G 1/4										MSS 121-02-010-B-N		PDL	24
										MSS 121-02-010-A-N		PDL T	110
												PDL T	220

Model:- 131, 3/2 Way

Aluminium Body / Pipe Mounting



M 5	1.2	60	-	0-8	60	Nitrile	3	6	4.5	MSS 131-M5-008-A-N	D F	PD PDS PDL PDLT	12
G 1/8										24			
										110			
										MSS 131-01-008-A-N			220
										MSS 131-01-008-A-N			

Consult the technical department for mani fold detail.

Manual override standard

Material Specification

Body	MSS121	Zinc Plated Brass
	MSS131	Aluminium
Internals	SS 304/410 Non Magnetic/Magnetic	
Seals	Nitrile Standard, Optional Viton	

Technical Specifications

RESPONSE TIME	0.05 Sec.
MAX. WORKING FREQUENCY	10 Cycles / Sec.
VOLTAGE FLUCTUATION	+/-10%
ELECTRICAL CONNECTION	DIN PLUG CONNECTION
PLUG CONNECTOR	STANDARD PLUG
PD/PE PDL/PEL	STANDARD PLUG WITH LED
DUTY CYCLE / INSULATION	100% ED / CLASS-F INSULATION
DEGREE OF PROTECTION	IP 65 (DIN 40050)

Accessories

Gang Mts. Kit	MSS131-GMK
Armature Assy. - 2/2 / 3/2	AA-D-2 / AA-D-3

Features

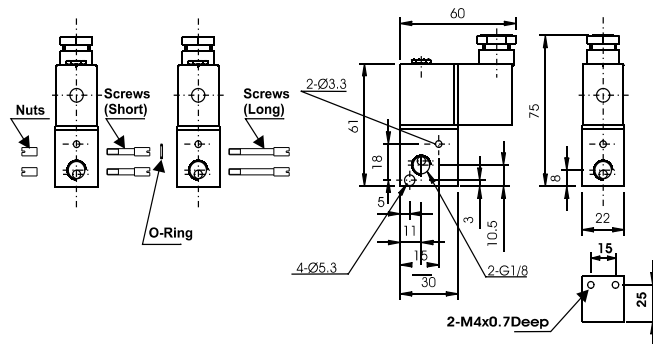
- LOW POWER CONSUMPTION.
- HIGHLY SUITABLE AS PILOT CONTROL VALVE.
- MANIFOLD VERSION AVAILABLE.
- COMPACT AND LIGHT WEIGHT.
- SUITABLE FOR HIGH FREQ UENCY ON/OFF APPLICATION.

Model Ordering Code Instruction

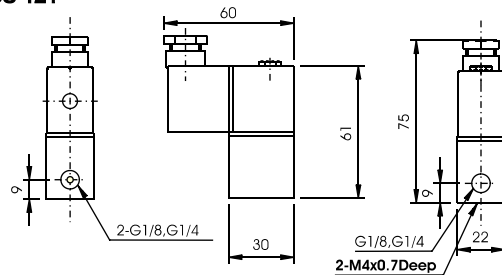
M	SS	121-01	B-008	-	A	-	N	-	D	F	5.5	PDL	220V	AC
M-Miniature														
Single Solenoid		Sizes M5-M5 01-G/18 02-G/14	Pressure Range 008-8 kg/cm 010-10 kg/cm		Body Mat. A-Aluminium B-Brass P-Plastic S-St.Steel/304				Coil Type- D				Coil Voltage	AC
									Class	5.5			220V	
									F	6.5			110V	
									EEX	9.0			24V	
									-Exp Proof Class	4.5			12V	
1-Direct Operated		1-NC	Conn									Plug Type		
2-2/2 Way		2-NO	Blank	BSP				Seals				PD - For D Coil		
3-3/2 Way		3-Universal	N	NPT				N-Nitrile V-Viton				PDL - For D Coil with LED-TR		
												PDL - For D Coil with LED		
ORDER CODE: MSS121-01-010-B-A-N-DE-PDL-220VAC														

Dimensions

TYPE : MSS 131



TYPE : MSS 121



DIMENSIONS ARE IN MM

Shah Pneumatics

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