

Gang Type Manifold Mounted.

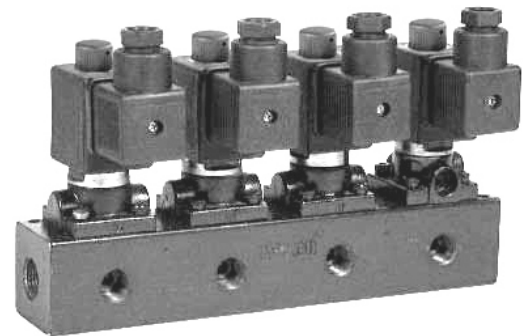
2/2-Way, Direct Acting, Solenoid Valves.

DATA SHEET
9281B

These are manifold mounted direct acting 2-way valves. These valves are recommended for small size operation where space is major constrain. Available in configuration of 2 to 8 valves per manifold. Recommended for use on Batch dosing of fluids in a main stream.

SPECIFICATIONS:

Size	: 1/4" (6 mm) Standard-G-ISO-228(BSP-F).
End connection	: 3/8", 1/2" inlet depending upon number of valves on one manifold.
Body mtl - Manifold	: Aluminium bar HE 30.
Body Test Pressure	: 25 Bar (Refer to table below).
Max.Wkg.Pressure	: 13 Bar (Refer to table below).
Seat Material	: Buna Nitrile.
Core Tube Nut	: St.St.304/St.St.316.
Plunger/Stopper	: St.St.430FR.
Spring	: St.St.302.
Shading Ring	: Copper.
Temp.(ambient)	: 42Deg.C.
Max.Wkg.Temp.	: (-)5 to 80Deg.C.
Voltage (AC)	: 230, 110, 48, 24 V - 50 Hz.
(DC)	: 24, 110, 240 V.
Enclosures	: General Purpose (IP20). Weatherproof-RD-WP-67. Flameproof-RD-FLP-IIC+WP67.
Approvals	: KLPL/PESO/CE/ATEX/BIS.
Differential Pr.	: 0 to 10 bar (Refer table below).
Coil Insulation	: Class 'H' upto 155Deg.C.
Fluids	: Air.
Manual Override	: Not Available.
Sales Point	: 2-Way valve for mounting in the cabinet.
Application	: For Batch dosing of fluids.
Mounting	: In horizontal pipeline, keeping solenoid upright and vertical.
Note	: 1) Use of Filter in the inlet side is highly recommended. 2) Not suitable for back pressure from outlet side.

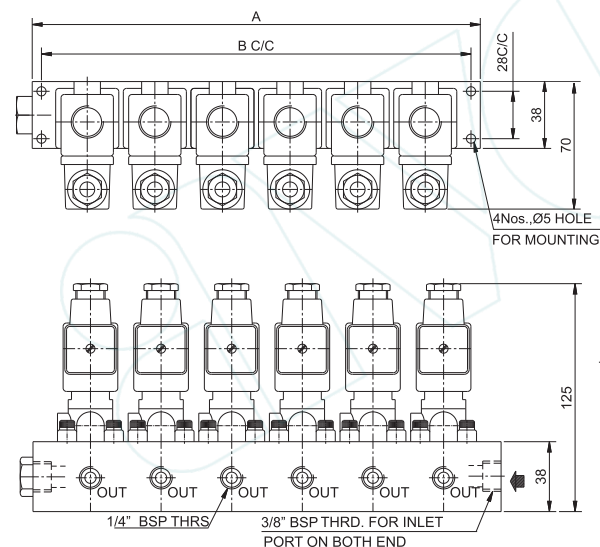


SPECIFICATION TABLE

Catalogue Number	Pipe Size	Orifice Size	Flow Factor Kv	Minimum Pressure	Maximum Operating Pressure (bar)						BTP	Material		Constr. Ref.	VA Rating	Watt Rating	Coil	Housing
					AC			DC				Body	Seat					
					Air/Gas	Water	Light Oil	Air/Gas	Water	Light Oil								
9281B15	1/4	1.5	0.07	0	13	--	--	15	--	--	25	AL	BN	96	18	12	M45.1	SQ
9281B20	1/4	2.0	0.08	0	10	--	--	12	--	--	25	AL	BN	96	18	12	M45.1	SQ
9281B25	1/4	2.5	0.15	0	6	--	--	8	--	--	25	AL	BN	96	18	12	M45.1	SQ

DIMENSIONS IN (MM)

CONSTRUCTION REF. NO. :96



ELECTRICAL REFERENCE

Coil Type	Power Consumption & Watt Rating			Class of Insulation	Protection	Certification Standard
	AC		DC			
	VA Inrush	VA Holding				
M45.1 SQ	25	18	12	H	GP/WP IP-67	IS/IEC 60529-2001
M45.1 RD	25	18	12	H	GP/WP IP-67	IS/IEC 60529-2001
M45.1 FLP- IIC	25	18	12	H	FLP-IIC IP-67	IS/IEC 60079-1-2014

Catalogue Number	Constr. Ref.	Number of Valves	A	B
9281B0152	96	2	96	86
9281B0153	96	3	137	127
9281B0154	96	4	178	168
9281B0155	96	5	219	209
9281B0156	96	6	260	250
9281B0157	96	7	301	291
9281B0158	96	8	342	332

Valves with other orifices are also available.