

Gang Type Manifold Mounted.

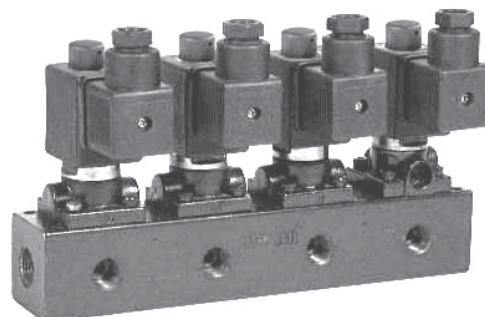
2/2-Way, Direct Acting, Solenoid Valves.

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.

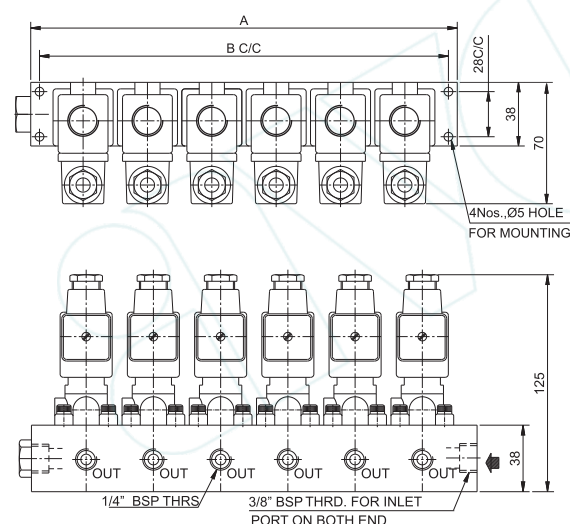


SPECIFICATION TABLE

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
	Inch	mm	M³/hr.	bar	AC			DC							AC	DC	Type	
					Air/Gas	Water	Light Oil	Air/Gas	Water	Light Oil	bar	Body	Seat					
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
	VA Inrush	VA Holding	Watts			
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.

Ed.9281B-Dec-2025

Page No. 247

WESTERN		
Mumbai Plot No. 65, Road No. 13, MIDC Marol, Andheri (East), Mumbai - 400 093 Tel.No.: 022-6915 6100 / 83909 17431 E-mail : acplmumbai.sales@avconcontrols.com	Pune Plot No. T - 108, MIDC Bhosari, Pune - 411 026. Maharashtra (INDIA). Tel.No.: 020-2712 0776 / 2712 0540 E-mail : acplmumbai.sales@avconcontrols.com	Baroda 307, Mangaldeep Complex, Sampatrao Colony, Productivity Road, Baroda - 390 005. Tel.No.: 022-6915 6100 / 83909 17431 E-mail : acplmumbai.sales@avconcontrols.com

EASTERN	
Kolkata 720, 7th Floor, 33/1, N.S. Road, Marshall House, Kolkata- 700 001. Tel.No.: 033-4068 1180 / 77109 00889 E-mail : acplmumbai.sales@avconcontrols.com	

SOUTHERN		
Chennai 249, First Floor, Tiny Sector Ambattur Industrial Estate, Chennai - 600 058 Tel.No.: 044-4807 4107 / 089393 12809 E-mail : acplmumbai.sales@avconcontrols.com	Hyderabad SSR ENCLAVE, Plot No. 81, Road No.4, Vasanth Nagar, Nizampet X Roads (Near JNTU College Metro Station), Hyderabad - 500085. Tel.No.: 7995086416 E-mail : acplmumbai.sales@avconcontrols.com	Bangalore Tel.No.: 084312 56574 E-mail : acplmumbai.sales@avconcontrols.com

NORTHERN	
New Delhi Unit No. 708, 7th Floor, 94 Meghdoot, Nehru Place, New Delhi - 110019 Tel.No.: 011-42639736 / 88282 69844 E-mail : acplmumbai.sales@avconcontrols.com	

avcon
Manufactured by:

AVCON CONTROLS PVT. LTD.

Plot No. 65, Road No.13, MIDC Marol,
Andheri (East), Mumbai - 400 093 (INDIA).
Phone : +91-22-6915 6100.

E-mail : avcon@avconcontrols.com
acplmumbai.sales@avconcontrols.com
Website : www.avconcontrols.com