Modular Solenoid valve 2/2 way N.C. Direct acting

JM Series standard R0

PRESENTATION

Direct acting S.V. for interception of fluids compatible with the construction materials.
Minimum operational pressure is not required.
The materials used and the tests carried out ensure maximum reliability and duration.

USE: Automation, Sterilization
Vending

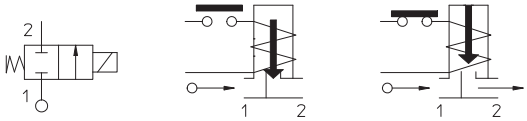
PIPES: G 1/8 male/female; Ø 6 (hose connection); fast fitting

COILS: 5W - Ø 10
LBA 155°C (class F)
LBV 180°C (class H)

COIL HOUSING AND COIL FORMER MATERIAL ARE MADE BY 100% VIRGIN MATERIAL.

Max. allowable pressure (PS) 16 bar (25 bar)
Ambient temperature:
See coils catalogue page for its compatibility.

Gaskets	Temperature		Medium
V=FKM (fluoroelastomer)	- 10°C	+140°C	Air, water, inetr gas, steam
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Water, air, inert gas

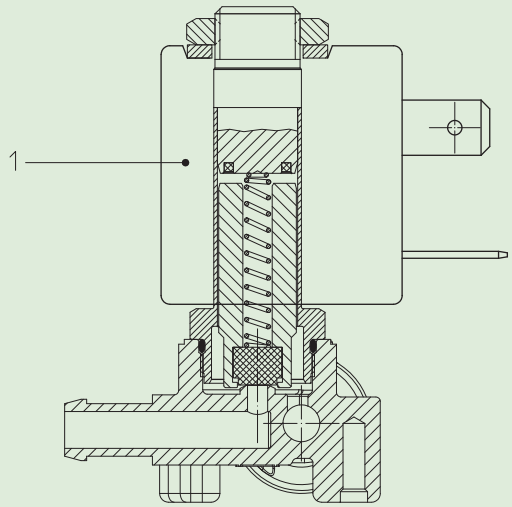


For left inlet replace the letter "**A**" with "**B** Es. 23MB1VBABABA

Pipe ISO 228/1	Std code n. 3 modules (inlet right)	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
G 1/8 male	23MA1VBABABA	12	~ 2	1,2	0,8	5	0	15	15
	23MA1VBBBBBB	37	~ 5	2,3	2				6
	23MA1VBCBCBC	53	~ 7	2,6	2,5			10	3,5
G 1/8 female	23MA2VAAAAAA	12	~ 2	1,2	0,8			15	15
	23MA2VABABAB	37	~ 5	2,3	2				6
	23MA2VACACAC	53	~ 7	2,6	2,5			10	3,5

Pipe ISO 228/1	Std code n. 3 modules (inlet right)	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
Ø 6 ext.	23MA3VCACACA	12	~ 2	1,2	0,8	5	0	15	15
	23MA3VCBCBCB	37	~ 5	2,3	2				6
	23MA3VCCCCCC	53	~ 7	2,6	2,5			10	3,5
Fast fitting	23MA4VDADADA	12	~ 2	1,2	0,8			15	15
	23MA4VDBDBDB	37	~ 5	2,3	2				6
	23MA4VDCDCDC	53	~ 7	2,6	2,5			10	3,5

Note
Max torque for fittings and nut assembly 2 Nm. Evaluate tightening torque for tapered fittings.
In case glue is used to seal the fittings, verify the compatibility with body materiall (PPS).
Don't mount the groups with 1 or more elements cantilever.
For application with steam or with PS above the 16 bar , please consult our Technical Service.



MATERIALS:

Body	PPS
Armature tube	Stainless steel AISI series 300
Fixed core	Stainless steel AISI series 400
Plunger	Stainless steel AISI series 400
Phase displacement ring	Gold plated copper
Spring	Stainless steel AISI series 300
Seal	Standard: V=FKM On request: B=NBR
Orificie	PPS
On request:	
Connector	Pg 9 o Pg 11
Connector conformity	ISO 4400

FEATURES:

Electrical conformity	IEC 335
Protection degree	IP 65 EN 60529 (DIN 40050) with coil fitted by connector.

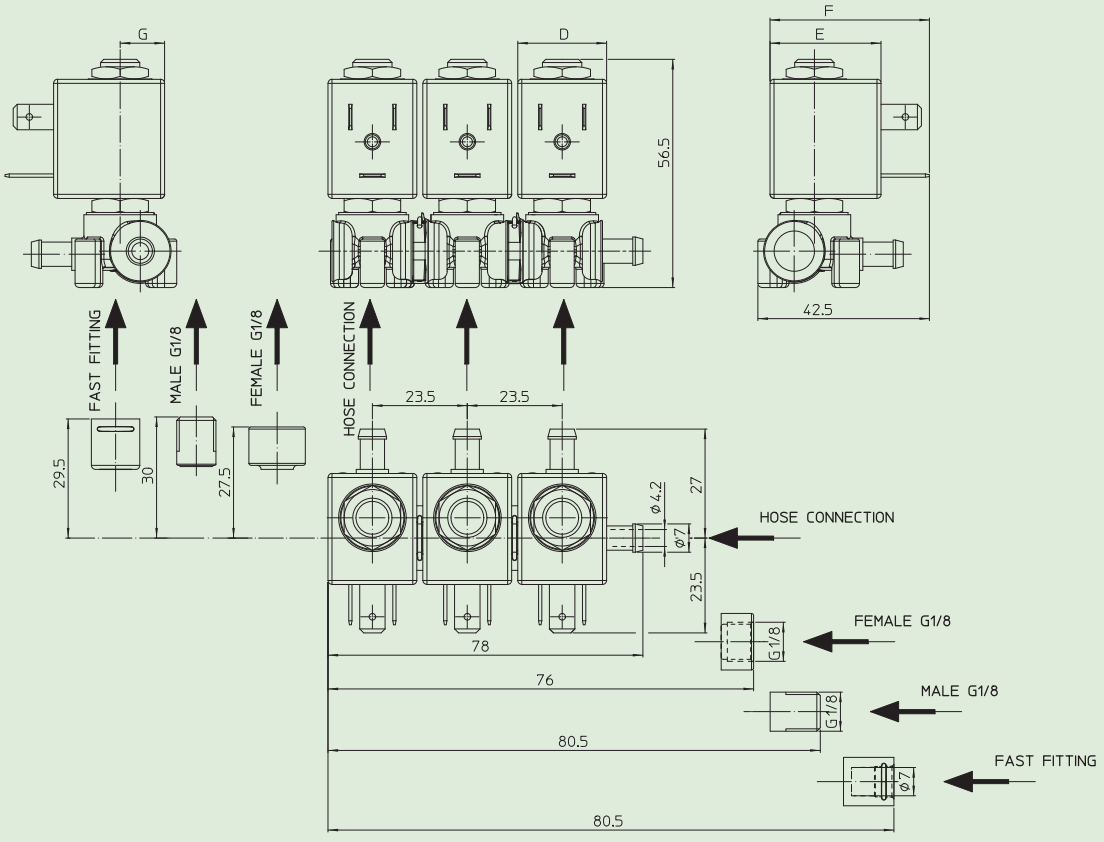
SPARE PARTS:

1. **Coil:**
   See coils list
   O-Ring for modules:
   Code R990005/*VX*
   Locker clip:
   Code R453121

ACCESSORIES:

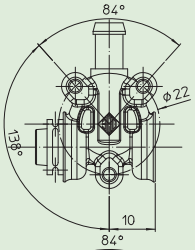
Tube (int.Ø 2 mm; ext.Ø 4mm)
for fast fitting
Code R453130/
Tube with male fitting
Code R453154/
Tube with double male fitting
(see catalogue page)

DIMENSIONS:



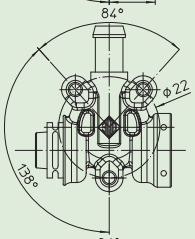
JM Series standard R0

COIL TYPE	POWER ABSORPTION			DIMENSIONS			
	W ⎓	Hold VA ~	Inrush VA ~	D mm	E mm	F mm	G mm
L	5	10	15	22	27,5	39,5	11

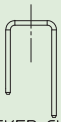


TERMINAL MODULE

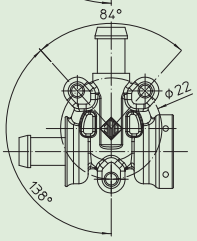
O-RING FOR MODULES
R990005/VX



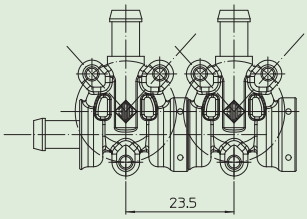
INTERMEDIATE MODULE



LOCKER CLIP
R453121



INLET MODUL



INCREMENTAL MODUL

2	3	M	A	1	V	B	A	B	A	B	A

Valve specification (see table)

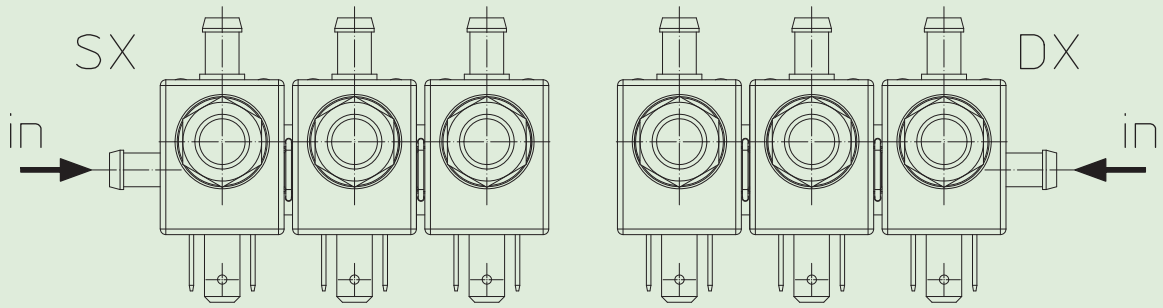
- 2 — Type of way
- 3 — n. of elements (min 2 - max 4)
- M — Serial type
- A — Inlet (A=right, B=left)
- 1 — Type of inlet pipe
- V — Gasket type

Pipe outlet	Ø orifice	Element code
1	1,2	BA
2		AA
3		CA
4		DA
1	2,3	BB
2		AB
3		CB
4		DB
1	2,6	BC
2		AC
3		CC
4		DC

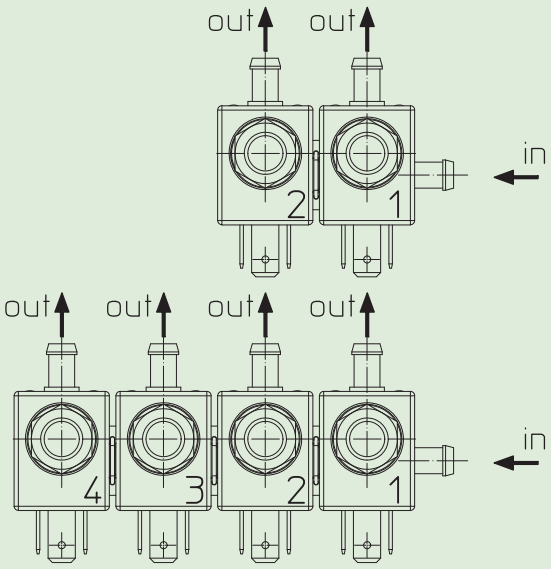
Pipe code inlet / outlet			
1	G 1/8 male	3	Hose connection
2	G 1/8 female	4	Fast fitting

Description/example
2= number of way
3=n. 3 elements
M= Modular plastic series
A= Set S.V. with right inlet
1= Inlet G 1/8 male
V= FKM Seal
BA= Outlet G 1/8; Ø orifice 1,2; fixed core type R0
BA= Outlet G 1/8; Ø orifice 1,2; fixed core type R0
BA= Outlet G 1/8; Ø orifice 1,2; fixed core type R0

TYPE WITH LEFT AND RIGHT INLET



SET S.V. FROM N. 2 TO N. 4 S.V.



ROTATIONAL STEP TO 90°