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TECHNOLOGY GROUP

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Find the *MAC 52A-11-D0C-DM-DDAA1BA* at our website: ***Click HERE***

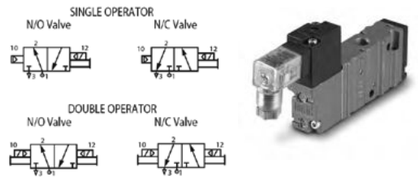
The MAC 52 series is a 3-way balanced spool valve pilot operated by a small direct operated 4-way solenoid valve - a one-off in air valve manufacturing. The 4-way pilot means a low minimum operating pressure - no pistons - and minimal resistance to shifting. The balanced design in the pilot means shifting forces are consistantly high and response times are repeatable regardless of inlet pressure fluctuations. For more information regarding certifications (such as UL, CSA, RoHS and CE) please ask our team at Mac Valves Pacific.

Stock Part Number: 52A-14-D0A-DM-DDBJ-1JD

Function	Port size	Flow (Max)	Pressure Range	Individual Mounting
3/2 NO-NC, 2/2 NO-NC	1/8" - 1/4"	1.5 Cv	Internal 20 to 120PSI, Ext. Pilot 120PSI	Inline

OPERATIONAL BENEFITS

1. The 4-way pilot develops maximum shifting force both ways.
2. Memory spring available.
3. Balanced spool, immune to variations of pressure, also provides high flow.
4. Short stroke with high flow.
5. Bonded spool with minimum friction, shifting in a glass-like finished bore.
6. Pilot with balanced poppet, high flow, short and consistent response times.
7. Wiping effect eliminates sticking.
8. Long service life.



52 SERIES

52A - XX - XXX - XX - D XX X - X XX
1 2 3 4 5 6 7 8 9 10

1 - Spool Type - Valve Function
1 Single operator, N.C. main
2 Double operator, N.C. main
3 Single operator, N.O. main
4 Double operator, N.O. main

2 - Body Type
1 Inline 3-port
3 Manifold Body
4 Inline 3-port with memory spring
6 Manifold body with memory spring

3 - Port Size And Thread Type
0 Manifold body
D 1/4" BSPPL

4 - Body Configurations
0 Inline/manifold body

5 - Internal/External Pilot
A Internal pilot
B External pilot

6 - Pilot Body
DM Muffled Exhaust
DP Piped Exhaust

52 SERIES: DM PILOT OPTIONS

DM - D XX X - X XX
7 8 9 10

7 - Voltage
JA 120/60, 110/50
JC 24/60, 24/50
DA 24 VDC (5.4W)
DB 12 VDC (5.4W)
DE 12 VDC (12.7W) (MOD CLSF ONLY)
DF 24 VDC (12.7W) (MOD CLSF ONLY)
FA 12 VDC (1.8W)
FF 24 VDC (2.4W)
JF 240/50 (2.8w)

8 - Lead Wire Length
A 18" Coil Leads
J External Plug-In Lead
* Longer leads available on request

9 - Manual Operator
0 No operator
1 Non-locking manual operator
2 Locking manual operator
3 Non-locking extended operator
4 Locking extended operator

10 - Electrical Connector
BA Grommet
JB Rectangular plug-in
JD Rectangular plug-in with light
JM Rectangular male only
JA Square Plug-In
JC Square Pug-In with light
JJ Square Male Only
KA Mini plug-in
KB Mini plug-in with diode
KC Mini plug-in with M.O.V.
KD Mini plug-in with light
KE Mini plug-in with light & diode
KF Mini plug-in with light & M.O.V.
KG Mini plug-in with LED light & diode
KJ Mini plug-in male only
KK Mini plug-in male only with diode
KL Mini plug-in male only with M.O.V.

Complete Pilot Valve
DMB-DXXX-XXX-1 Pilot Valve (4-Way)

52 SERIES REMOTE AIR

52A - XX - XXX - RA
1 2 3 4 5 6

1 - Spool Type
1 Single Operator Normally Closed
2 Double Operator Normally Closed
3 Single Operator Normally Open
4 Double Operator Normally Open

2 - Body Type
1 Inline 3 Port

3 - Manifold Body
3 Port Size And Thread Type
0 Manifold Body
C 1/8" BSPPL
D 1/4" BSPPL

4 - Configuration
0 Inline or Manifold Body

5 - Pilot Port
J Pilot Port Size M5 (Metric)

6 - Style
RA Remote Air

Note: For Single Operator Valves, Use MOD 1493

52 SERIES CIRCUIT BAR (CBM)

CBM052A - XX X X X - XX - 9
1 2 3 4 5
- Valves & cover plates assembled to manifold

1 - Spacing
00 19.5mm Spacing
01* 21mm Spacing

2 - Configuration
A Inline Body
B Inline Body with Flow Control

3 - Style
A Standard Bar
B Add-On Version (Includes End Plate)
E* Add-On Base (Priced from Section 1 & 2)

4 - Port Size & Thread Type
B 3/8" BSPPL
C 3/8" BSPTR

5 - Stations
Number of Stations (02, 03, 04, etc.)

Accessories
M-52001-01P Right Hand End Plate Kit

*NOTE: "E" Option is considered a Middle Station

52 SERIES CIRCUIT BAR (CBP)

CBP052A - XX X X X - XX - 9
1 2 3 4 5
- Valves & cover plates assembled to manifold

1 - Spacing
00 19.5mm Spacing
01* 21mm Spacing

2 - Configuration
A Side Port
B Bottom Port
C Side Port with Flow Contro

3 - Style
A Standard Bar
B Add-On Version (Includes End Plate)
E* Add-On Base (Priced from Section 1 & 2)

4 - Port Size & Thread Type
B 1/8" BSPPL
E 1/4" BSPPL

5 - Stations
Number of Stations (02, 03, 04, etc.)

Accessories
M-52001-01P Right Hand End Plate Kit
M-52003 Blank Station Kit for Manifold Body

*NOTE: "E" Option is considered a Middle Station

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