

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *MAC 46A-L00-JDAA-1BA-9* at our website: *Click HERE*

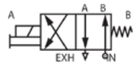
46 SERIES

The MAC 46 series is a direct solenoid operated 4-way poppet valve. High flow in a small package, Oval armature. These feature a short stroke solenoid, a balanced poppet and conical seats. These features translate into high shifting forces, fast consistant response times, and long life. For more information regarding certifications (such as UL, CSA, RoHS and CE) please ask our team at Mac Valves Pacific.

Stock Part Number: 46A-L00-JDAP-0FG MOD:532F

Function	Port size	Flow (Max)	Pressure Range	Individual Mounting
4/2	1/8"	0.30 Cv	Vac. to 120PSI	Inline





OPERATIONAL BENEFITS

1. Balanced poppet, immune to variations of pressure.
2. Short stroke with high flow.
3. The patented solenoid develops high shifting forces.
4. Powerful return spring.
5. Manual operator standard on all valves.
6. Burn-out proof solenoid on AC service.

46 SERIES

46A - X X X - J XX X - X XX (G)
1 2 3 4 5 6 7 8

1 - Body Type

Inline
A 4 Port Body with Side Ports
C 4 Port Body with Bottom Ports (No Side Ports)
D Bottom O-Ring Mount-All Ports (No Side Ports)
F Bottom O-Ring Mount-Cylinder Ports Only (Side Inlet & Exhaust)
G 4 Port Body - Double
H 4 Port Body - Double Bottom O'Ring Mount
Stacking Body
S Stacking Body
Base Mount
L Single Solenoid Base Mount Body
M SIngle Solenoid Base Mount Body with Gauge Port
N Double Solenoid Base Mount Body
P Double Solenoid Base Mount Body w/ Gauge Ports

2 - Port Size & Thread Type

0 Base Mount Body
B #10 - 32 UNF
C 1/8" BSPPL
D M5 (Metric)
G Use with O-Ring Mount Body Option "D"
1 Base Mount Body (For use with plastic cover)
2 Base Mount Body w/ Light (For use with plastic cover)

3 - Configuration

Base Mount
0 Base Mount Body
Inline or Stacking Body
1 No Flow Controls
2 With Flow Controls

46 SERIES SOLENOID

J XX X - X XX (G)
4 5 6 7 8 9

4 - Operator

J SOLENOID

5 - Voltage

AC 24 VAC (5.4W) - MAX. Cv = 0.3
DA 24 VDC (5.4W) - MAX. Cv = 0.3
DB 12 VDC (5.4W) - MAX. Cv = 0.3
DC 24 VDC (2.4W)
DD 12 VDC (2.4W)

6 - Lead Wire Length

0 NO LEAD WIRES
A 18" LEADS

7 - Manual Operator

0 NO OPERATOR
1 NON-LOCKING RECESSED
2 LOCKING RECESSED
3 NON-LOCKING EXTENDED
4 LOCKING EXTENDED

8 - Electrical Cover Connection

BA FLYING LEADS
GA MAC JAC SOLENOID PLUG-IN
GB MAC JAC SOLENOID PLUG-IN WITH DIODE
GC MAC JAC SOLENOID PLUG-IN WITH MOV
GD MAC JAC SOLENOID PLUG-IN WITH LED
GE MAC JAC SOLENOID PLUG-IN WITH DIODE & LED
GF MAC JAC SOLENOID PLUG-IN WITH MOV & LED

8 - Electrical Cover Connection - contd.

9.4 mm Pin Spacing
KA MINI PLUG-IN
KB MINI PLUG-IN W / DIODE
KC MINI PLUG-IN W / MOV
KD MINI PLUG-IN W / LIGHT
KE MINI PLUG-IN W / DIODE & LIGHT
KF MINI PLUG-IN W / MOV & LIGHT
KG MINI PLUG-IN W / RECTIFIER
KH MINI PLUG-IN W / RECTIFIER & LIGHT
KJ MINI PLUG-IN - MALE ONLY
KK MINI PLUG-IN W / DIODE - MALE ONLY
KL MINI PLUG-IN W / MOV - MALE ONLY
KM MINI PLUG-IN W / LIGHT - MALE ONLY
KN MINI PLUG-IN W / DIODE & LIGHT - MALE ONLY
KP MINI PLUG-IN W / MOV & LIGHT - MALE ONLY
KR MINI PLUG-IN W / RECTIFIER - MALE ONLY
KS MINI PLUG-IN W / RECTIFIER & LIGHT - MALE ONLY
GG MAC JAC SOLENOID PLUG-IN WITH RECTIFIER
GH MAC JAC SOLENOID PLUG-IN WITH RECTIFIER & LED
GJ MAC JAC Solenoid Plug-In (Male Only)
GK MAC JAC Solenoid Plug-In w/ Diode (Male Only)
GL MAC JAC Solenoid Plug-In w/ MOV (Male Only)
GM MAC JAC Solenoid Plug-In w/ LED (Male Only)
GN MAC JAC Solenoid Plug-In w/ Diode and LED (Male Only)
GP MAC JAC Solenoid Plug-In w/ MOV and LED (Male Only)
GR MAC JAC Solenoid Plug-In w/ Rectifi er (Male Only)
GS MAC JAC Solenoid Plug-In w/ Rectifi er and LED (Male Only)
JA SQUARE CONNECTOR
JC SQUARE CONNECTOR W / LIGHT
JE SQUARE CONNECTOR W / DIODE
JF SQUARE CONNECTOR W / MOV
JG SQUARE CONNECTOR W / DIODE & LIGHT
JH SQUARE CONNECTOR W / MOV & LIGHT
JK SQUARE CONNECTOR W / RECTIFIER
JL SQUARE CONNECOTR W / RECTIFIER W / LIGHT
JJ SQUARE CONNECOTR MALE ONLY
JB RECTANGULAR CONNECTOR
JD RECTANGULAR CONNECTOR W / LIGHT
JN RECTANGULAR CONNECTOR W / DIODE
JP RECTANGULAR CONNECTOR W / MOV
JR RECTANGULAR CONNECTOR W / DIODE & LIGHT
JS RECTANGULAR CONNECTOR W / MOV & LIGHT
JT RECTANGULAR CONNECTOR W / RECTIFIER
JU RECTANGULAR CONNECTOR W / RECTIFIER w/ LIGHT
JM RECTANGULAR CONNECTOR MALE ONLY
JM RECTANGULAR CONNECTOR MALE ONLY

9 - Ground

G GROUND PIN/WIRE

Accessories

M-46001-01P	End Plate Kit (Stacking)
M-46002	Blank Station Cover Plate
N-46001	Body Top Cover Plate (Inline)
N-46002	Body Top Cover Plate w/Flow
Controls (Inline)	
28493	Exhaust Isolater (Stacking)
28494	Inlet Isolator (Stacking)

46 SERIES REGULATOR

PR46A - X X X X - 9
1 2 3 4
- Assembled to Valve

1 - Style

0 Regulator Only
A Plug-In Block (Single Solenoid Only)
B Non Plug-In Block

2 - Adjustment

0 Regulator Block Only
A Slotted Stem
B Adjusting Knob
C Slotted Stem with Locknut

3 - Gauge

0 Regulator Block Only
A Gage Port Plugged

4 - Pressure Range

0 Regulator Block Only
A 0-120 psi
B 0-80 psi
C 0-30 psi

SMALL 4-WAY

46 SERIES PLUG-IN MANIFOLD

46A - X X X - X X - J XX P - X XX - (G)
1 2 3 4 5 6 7 8 9 10 11 - *Valves and cover plates assembled to bar*

1 - Body Type
0 Base only
L Single solenoid base mount body
M Single solenoid base mount body w/ gauge port
N Double solenoid base mount body
P Double solenoid base mount body w/ gauge port

2 - Manifold Style
0 Valve only
S Plug-in (12" base leads)

3 - Port Size & Thread Type
0 Valve only
B 1/8" BSPPL
B 1/8" BSPPL

4 - Manifold Wiring
0 Valve only
A Wired for single solenoid
B Wired for double solenoid

5 - Manifold Configuration
0 Valve only
C Side cylinder ports
D Side cylinder ports w/flow controls
E Bottom cylinder ports w/reg. (slotted stem)
F Bottom cylinder ports w/reg. (slotted stem) & flow controls
L Bottom cylinder ports
M Bottom cylinder ports w/flow controls

6 - Solenoid
J Solenoid

7 - Voltage
AA 240/50 VAC (5.4w) - Max Cv = 0.3
AC 24 VAC (5.4w) - Max Cv = 0.3
DA 24 VDC (5.4w) - Max Cv = 0.3
DB 12 VDC (5.4w) - Max Cv = 0.3
DC 24 VDC (2.4w)
DD 12 VDC (2.4w)

8 - Lead Wire
P Plug-in

9 - Manual Operator
0 No operator
1 Recessed non-locking operator
2 Recessed locking operator
3 Extended non-locking operator
4 Extended locking operator

10 - Electrical Connection
FA Base Plug-In
FB Base Plug-In with Diode
FC Base Plug-In with MOV
FD Base Plug-In with LED
FE Base Plug-In with Diode and LED
FF Base Plug-In with MOV and LED
FG Base Plug-In with Rectifi er
FH Base Plug-In with Rectifi er and LED

11 - Ground
G Ground wire pin

Parts/Flow Control (Sandwich)

M-46003-01P	End plate kit
M-46002	Valve blanking plate
63299	Electrical Plug-In Protector
M-46007	Valve and Electrical Blanking Plate
28501	Inlet isolator
FC46A-AA	Sandwich flow control (Plug-in)
FC46A-BA	Sandwich flow control (Non Plug-in)

46 SERIES CIRCUIT BAR NON PLUG-IN

EBM46A - XX X X X - XX - 9
1 2 3 4 - *Valves and cover plates assembled to bar*

1 - Spacing
00 16.5mm Spacing
01 26.0mm Spacing

2 - Configuration
A Side Cylinder Ports
B Bottom Cylinder Ports
C Side Cylinder Ports with Flow Controls
D Bottom Cylinder Ports with Flow Controls
E Side Cylinder Ports with Regulator
F Bottom Cylinder Ports with Regulator
G Side Cylinder Ports, Flow Controls, & Regulator
H Bottom Cylinder Ports, Flow Controls & Regulator

3 - Style
A Standard

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

5 - Stations
Number of Stations (01, 02, 03, etc.)
M - 46002 Blank Station Cover Plate

Note: Regulator must be ordered separately.

46 SERIES ECD PLUG-IN CIRCUIT BAR

ECD46A - XX X X X - XX - XX - 9
1 2 3 4 5 6 - *Valves and cover plates assembled to bar*

1 - Spacing
00 16.5mm Spacing

2 - Configuration
A Side Cylinder Ports
B Bottom Cylinder Ports
C Bottom Cylinder Ports with Regulator
D Side Cylinder Ports with Flow Controls
E Bottom Cylinder Ports with Flow Controls
F Bottom Cylinder Ports with Regulator & Flow Controls

3 - Style
A Standard

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

5 - Lights
A0 Standard (No Light)

6 - Stations
Number of Stations (01, 02, 03, etc.)
Note: Regulator must be ordered separately

Accessories

63299	Wire Connector Protector
M-46002	Valve Blanking Plate
M-46007	Valve and Electrical Blanking Plate

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP