# How To Order

## 54 Series Valve (MAConnect)

### Order Code: 54A - X X - X X X - XX - X XX X - X XX

<table>
<thead>
<tr>
<th>Function</th>
<th>Body Type</th>
<th>Port Size and Thread Type</th>
<th>Base Type and Configuration</th>
<th>Base Electrical</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Base Only</td>
<td>0 Base Mount Valve</td>
<td>0 Base Mount Valve</td>
<td>0 Base Mount Valve</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E Base Mount Body - Int. Pilot (Pilot Exh. Out Main Exh.)</td>
<td></td>
<td>3 Sgl. Sol. w/ Light Plug-in to the Left</td>
</tr>
<tr>
<td></td>
<td></td>
<td>F Base Mount Body - Ext. Pilot (12 End)(Pilot Exh. Out Main Exh.)</td>
<td></td>
<td>4 Sgl. Sol. w/ Light Plug-In to the Right</td>
</tr>
</tbody>
</table>

*Must use “DU” Pilot Body - Main Exhaust Cannot Be Restricted

Note: For Negative Commons (PNP), use MOD. 1705 after Model Number
# How To Order Pilot Valve For 54 Series
*(Plug-In/MAConnect Manifolds)*

<table>
<thead>
<tr>
<th>Pilot Style</th>
<th>Voltage</th>
<th>Lead Wire Length</th>
<th>Manual Operator</th>
<th>Electrical Connectors</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM</td>
<td>Muffled Exhaust</td>
<td>Plug-In Valve/Base</td>
<td>0 No Manual Operator</td>
<td>FM Plug-In</td>
</tr>
<tr>
<td>DP</td>
<td>Piped Exhaust</td>
<td></td>
<td>1 Recessed Non Locking</td>
<td>FN Plug-In w/ Diode</td>
</tr>
<tr>
<td>DU</td>
<td>Universal Pilot, Pilot Exhaust Out Main Exhaust</td>
<td></td>
<td>2 Recessed Locking Operator</td>
<td>FP Plug-In w/ M.O.V.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3 Extended Non Locking</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4 Extended Locking</td>
<td></td>
</tr>
</tbody>
</table>

- **DM** 120/60, 110/50 (2.9w)
- **DP** 240/60, 220/50 (2.9w)
- **DU** 24/60, 24/50 (3.7w)
- **JC** 100/50/60, 110/60 (3.9w)
- **JE** 220/60 (3.4w)
- **JF** 240/50 (2.8w)
- **JG** 200/60, 200/50 (3.9w)
- **DA** 24 VDC (5.4w)
- **DB** 12 VDC (5.4w)
- **DC** 12 VDC (7.5w)
- **DD** 24 VDC (7.3w)
- **DE** 12 VDC (12.7w)
- **DF** 24 VDC (12.7w)
- **FA** 12 VDC (1.8w)
- **FB** 24 VDC (1.8w)
- **FE** 12 VDC (2.4w)
- **FF** 24 VDC (2.4w)

* Not Available for MAConnect
54 MAConnect™

How to Order
Adapters / End Plate Kit

MAConnect™ Adapter Assembly

M-54002 - XX - X

<table>
<thead>
<tr>
<th>Model</th>
<th>Pin Configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>09</td>
<td>9 Pin Sub-D</td>
</tr>
<tr>
<td>10</td>
<td>10 Pin</td>
</tr>
<tr>
<td>15</td>
<td>15 Pin Sub-D</td>
</tr>
<tr>
<td>16</td>
<td>16 Pin</td>
</tr>
<tr>
<td>20</td>
<td>20 Pin</td>
</tr>
<tr>
<td>24</td>
<td>24 Pin Amp CPC</td>
</tr>
<tr>
<td>25</td>
<td>25 Pin Sub-D</td>
</tr>
<tr>
<td>26</td>
<td>26 Pin</td>
</tr>
</tbody>
</table>

01 Left End
03 Right End

Note: For washdown Sub-D connector use MOD 532M after model number.
For negative commons, use MOD. 1705 after model number.

MAConnect™ Fastening End Plate Kit

M-54003 - XX - 01 X

<table>
<thead>
<tr>
<th>Model</th>
<th>Configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Left End</td>
</tr>
<tr>
<td>03</td>
<td>Right End</td>
</tr>
</tbody>
</table>

Leave Blank For NPTF Threads
P  BSPPL Threads
T  BSPTR Threads

Note: “01” should be used only when the Fastening End Plate Kit is ordered separately. When the kit is ordered with an assembly this number will change to indicate the number of valves in the stack.

Example of MAConnect™ Assembly

(1) M-54002-25-1
(6) 54A-CA-AA1-DM-DDAJ-1FM
(1) M-54003-03-06
How to Order SM16 for MAConnect™ Serial Manifold

SM16 - XX A - X X X - XX M - X X XX

- **Protocol**: DN DeviceNet
- **Output Indicator Lights**: 0 St’d (No Lights)
- **Power Connector**: A 3 Pin Micro
- **Bus Connector**: A 5 Pin Micro
- **Inputs**: 00 No Inputs
- **Location of MAConnect Adapter**: 0 No Adapter
  1 Left End
  2 Right End
  Adapter has common inlet and exhaust ports
- **Thread Type**: A Int. NPTF
  B Ext. NPTF
  C Int. BSPPL
  D Ext. BSPPL
  E Int. BSTPR
  F Ext. BSTPR
- **Valve Series Adapter**: 00 No Adapter
  92 92 Series
  82 82 Series
  47 47 Series
  42 42 Series
  48 48 Series
  32 32 Series
  45 45 Series
  38 38 Series
  44 44 Series
  93 93 Series
  46 46 Series
  36 36 Series
  24 24 Series
  54 54 Series

Revised 03/08
# How to Order SM32 for MAConnect™ Serial Manifold

**SM32 - XX A - X X X - X X M - X X XX -9**

## Protocol
- DN DeviceNet
- PB Profibus
- IB Interbus-S
- AB Allen Bradley Remote IO
- AS AS-I
- ET Ethernet

## Output Indicator Lights
- Monitoring Valve Signal
  - A St'd (16)
- Monitoring Bus Logic Signal
  - A St'd (16)

## Power Connector
- DeviceNet
  - A 3 Pin Mini
  - B 4 Pin Mini
  - C 3 Pin Micro
  - E 4 Pin Mini
- Profibus & Interbus-S
  - F 3 Pin Mini
  - H 4 Pin Mini
- AB Remote IO
  - G 5 Pole Term.
  - B 4 Pin Mini
- AS-I
  - D 4 Pin Micro
- Ethernet
  - A 5 Pin Mini

## Bus Connector
- DeviceNet
  - A 5 Pin Mini
  - B 5 Pin Micro
  - C 5 Pin Mini
  - End Mount
  - 2 Conn.
- Profibus
  - D 9 Pin Sub-D
- Interbus-S
  - E 9 Pin Sub-D
  - Male & Female
- AB Remote IO
  - F 3 Pole Term.
  - G 4 Pin Micro
  - (2 4-Pin Connectors)

## Inputs
- A No Inputs
- B 1 Input
- C 2 Inputs
- D 3 Inputs
- E 4 Inputs
- F Tethered
- G 16 Inputs

## Input Types
- A No Inputs
- B NPN
- C PNP

## Location of MACConnect Adapter
- 0 No Adapter
- 1 Left End
- 2 Right End

## Pilot and Thread Type
- A Int. NPTF
- B Ext. NPTF
- C Int. BSPPL
- D Ext. BSPPL
- E Int. BSTPR
- F Ext. BSTPR
- ** N No Pilot Port
- ** 82 Series Only

## Valve Series Adapter
- 00 No Adapter
- 42 42 Series
- 47 47 Series
- 48 48 Series
- 82 82 Series
- 92 92 Series
- 32 32 Series
- P1 MV-P1 Series
- P2 MV-P2 Series
- 45 45 Series
- 38 38 Series
- 44 44 Series
- 93 93 Series
- 46 46 Series
- 36 36 Series
- 24 24 Series
- 54 54 Series

*“F” Option required for remote tethered box or MACConnect input modules. Choose option “A” for “Input Types”*