


**SPARTAN**  
SCIENTIFIC

# 6222 Series Valves

Part no. **6222-6J001-AAB3C-A**Part no. **6222-6J001-AAB3B-A**

6222 series valves are 2-way, normally closed, direct acting valves. The low lead brass body material and other wetted materials are suitable for potable water applications.

## Features

- Direct acting operator
- Low lead brass body
- Port sizes 1/8, 1/4 and 3/8 inch NPT
- 2-way, 2-position normally closed operation
- 24 VDC or 120 VAC (other voltage coils available)



See our website  
[www.AutomationDirect.com](http://www.AutomationDirect.com)  
for a variety of cable options.

| 6222 Series Solenoid Valves        |          |                                                          |      |              |                   |                                                            |              |                     |                     |                                      |
|------------------------------------|----------|----------------------------------------------------------|------|--------------|-------------------|------------------------------------------------------------|--------------|---------------------|---------------------|--------------------------------------|
| Part No.                           | Price    | Ports                                                    | Cv   | Max Pressure | Operating Voltage | Connection                                                 | Weight (lbs) | Drawing Link        | Vendor Specs        | Vendor Application and Install Guide |
| <a href="#">6222-6J001-AAB3C-A</a> | \$,5xjc: | 1/4in female NPT inlet(s),<br>1/4in female NPT outlet(s) | 0.31 | 150 psi      | 24VDC             | 18mm DIN style wiring plug                                 | 0.57         | <a href="#">PDF</a> | <a href="#">PDF</a> | <a href="#">PDF</a>                  |
| <a href="#">6222-6K001-AAB3C-A</a> | \$,5xd:  |                                                          | 0.52 | 90 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6L001-AAB3C-A</a> | \$,5xe:  |                                                          | 0.61 | 60 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6M001-AAB3C-A</a> | \$,5xf:  |                                                          | 0.72 | 40 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6J001-AAB3B-A</a> | \$,5xg:  |                                                          | 0.31 | 150 psi      |                   | 18in pigtail (PVC 22AWG multi-strand copper wire 300 Volt) | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6K001-AAB3B-A</a> | \$,5xh:  |                                                          | 0.52 | 90 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6L001-AAB3B-A</a> | \$,5xi:  |                                                          | 0.61 | 60 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6M001-AAB3B-A</a> | \$,5xjj: |                                                          | 0.72 | 40 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6J001-AAA3C-A</a> | \$,5xk:  | 1/8in female NPT inlet(s),<br>1/8in female NPT outlet(s) | 0.31 | 150 psi      |                   | 18mm DIN style wiring plug                                 | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6K001-AAA3C-A</a> | \$,5xl:  |                                                          | 0.52 | 90 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6L001-AAA3C-A</a> | \$,5xn:  |                                                          | 0.61 | 60 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6M001-AAA3C-A</a> | \$,5xo:  |                                                          | 0.72 | 40 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6J001-AAA3B-A</a> | \$,5xp:  |                                                          | 0.31 | 150 psi      |                   | 18in pigtail (PVC 22AWG multi-strand copper wire 300 Volt) | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6K001-AAA3B-A</a> | \$,5xq:  |                                                          | 0.52 | 90 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6L001-AAA3B-A</a> | \$,5xs:  |                                                          | 0.61 | 60 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6M001-AAA3B-A</a> | \$,5xt:  |                                                          | 0.72 | 40 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |


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# 6222 Series Valves

| 6222 Series Solenoid Valves        |           |                                                          |      |              |                   |                                                            |              |                     |                     |                                      |
|------------------------------------|-----------|----------------------------------------------------------|------|--------------|-------------------|------------------------------------------------------------|--------------|---------------------|---------------------|--------------------------------------|
| Part No.                           | Price     | Ports                                                    | Cv   | Max Pressure | Operating Voltage | Connection                                                 | Weight (lbs) | Drawing Link        | Vendor Specs        | Vendor Application and Install Guide |
| <a href="#">6222-6J001-AAC3C-A</a> | \$;5x]u:  | 3/8in female NPT inlet(s),<br>3/8in female NPT outlet(s) | 0.31 | 150 psi      | 24VDC             | 18mm DIN style wiring plug                                 | 0.57         | <a href="#">PDF</a> | <a href="#">PDF</a> | <a href="#">PDF</a>                  |
| <a href="#">6222-6K001-AAC3C-A</a> | \$;5x]v:  |                                                          | 0.52 | 90 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6L001-AAC3C-A</a> | \$;5x]x:  |                                                          | 0.61 | 60 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6M001-AAC3C-A</a> | \$;5x]y:  |                                                          | 0.72 | 40 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6J001-AAC3B-A</a> | \$;5x]z:  |                                                          | 0.31 | 150 psi      |                   | 18in pigtail (PVC 22AWG multi-strand copper wire 300 Volt) | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6K001-AAC3B-A</a> | \$;5x]]:  |                                                          | 0.52 | 90 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6L001-AAC3B-A</a> | \$;5x][:  |                                                          | 0.61 | 60 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6M001-AAC3B-A</a> | \$;5x]_:  |                                                          | 0.72 | 40 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6J001-AAB7C-A</a> | \$;5x]#:  | 1/4in female NPT inlet(s),<br>1/4in female NPT outlet(s) | 0.31 | 270 psi      | 120VAC            | 18mm DIN style wiring plug                                 | 0.57         | <a href="#">PDF</a> | <a href="#">PDF</a> | <a href="#">PDF</a>                  |
| <a href="#">6222-6K001-AAB7C-A</a> | \$;5x]]:  |                                                          | 0.52 | 125 psi      |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6L001-AAB7C-A</a> | \$;5x]?:  |                                                          | 0.61 | 80 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6M001-AAB7C-A</a> | \$;5x]].: |                                                          | 0.72 | 50 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6J001-AAB7B-A</a> | \$;5x]0:  |                                                          | 0.31 | 270 psi      |                   | 18in pigtail (PVC 22AWG multi-strand copper wire 300 Volt) | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6K001-AAB7B-A</a> | \$;5x]1:  |                                                          | 0.52 | 125 psi      |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6L001-AAB7B-A</a> | \$;5x]2:  |                                                          | 0.61 | 80 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6M001-AAB7B-A</a> | \$;5x]3:  |                                                          | 0.72 | 50 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |


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# 6222 Series Valves

| 6222 Series Solenoid Valves        |          |                                                          |      |              |                   |                                                            |              |                     |                     |                                      |
|------------------------------------|----------|----------------------------------------------------------|------|--------------|-------------------|------------------------------------------------------------|--------------|---------------------|---------------------|--------------------------------------|
| Part No.                           | Price    | Ports                                                    | Cv   | Max Pressure | Operating Voltage | Connection                                                 | Weight (lbs) | Drawing Link        | Vendor Specs        | Vendor Application and Install Guide |
| <a href="#">6222-6J001-AAA7C-A</a> | \$;5x[4: | 1/8in female NPT inlet(s),<br>1/8in female NPT outlet(s) | 0.31 | 270 psi      | 120VAC            | 18mm DIN style wiring plug                                 | 0.57         | <a href="#">PDF</a> | <a href="#">PDF</a> | <a href="#">PDF</a>                  |
| <a href="#">6222-6K001-AAA7C-A</a> | \$;5x[5: |                                                          | 0.52 | 125 psi      |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6L001-AAA7C-A</a> | \$;5x[6: |                                                          | 0.61 | 80 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6M001-AAA7C-A</a> | \$;5x[7: |                                                          | 0.72 | 50 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6J001-AAA7B-A</a> | \$;5x[8: |                                                          | 0.31 | 270 psi      |                   | 18in pigtail (PVC 22AWG multi-strand copper wire 300 Volt) | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6K001-AAA7B-A</a> | \$;5x[9: |                                                          | 0.52 | 125 psi      |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6L001-AAA7B-A</a> | \$;5x[a: |                                                          | 0.61 | 80 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6M001-AAA7B-A</a> | \$;5x[b: |                                                          | 0.72 | 50 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6J001-AAC7C-A</a> | \$;5x[c: | 3/8in female NPT inlet(s),<br>3/8in female NPT outlet(s) | 0.31 | 270 psi      |                   | 18mm DIN style wiring plug                                 | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6K001-AAC7C-A</a> | \$;5x[d: |                                                          | 0.52 | 125 psi      |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6L001-AAC7C-A</a> | \$;5x[e: |                                                          | 0.61 | 80 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6M001-AAC7C-A</a> | \$;5x[f: |                                                          | 0.72 | 50 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6J001-AAC7B-A</a> | \$;5x[g: |                                                          | 0.31 | 270 psi      |                   | 18in pigtail (PVC 22AWG multi-strand copper wire 300 Volt) | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6K001-AAC7B-A</a> | \$;5x[h: |                                                          | 0.52 | 125 psi      |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6L001-AAC7B-A</a> | \$;5x[i: |                                                          | 0.61 | 80 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |
| <a href="#">6222-6M001-AAC7B-A</a> | \$;5x[j: |                                                          | 0.72 | 50 psi       |                   |                                                            | 0.57         | <a href="#">PDF</a> |                     |                                      |


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# 6100, 6200, 6222 Series Valve Accessories

- Spartan Series Replacement Coils for use with 6100, 6200 and 6222 Series Valves
- A variety of voltages are available for use in any valve: 12VDC, 24VDC, 24VAC, 120VAC and 220VAC
- Coils offered with either 18mm DIN plug or 18in pigtail (PVC 22AWG multistrand copper wire 300 Volt)

Part no. [4A000-01201-A](#)Part no. [4A001-01201-A](#)

See our website  
[www.AutomationDirect.com](http://www.AutomationDirect.com)  
for a variety of cable options.

| 6100, 6200, 6222 Series Valve Accessories |           |                                                                                                                              |                      |                     |
|-------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| Part No.                                  | Price     | Description                                                                                                                  | Weight (lbs)         | Drawing Link        |
| <a href="#">4A000-01201-A</a>             | \$;5x[k:  | Spartan solenoid coil, 12 VDC, 10W, 18mm DIN style wiring plug. For use with 6100, 6200 and 6222 series Spartan valves.      | <a href="#">0.30</a> | <a href="#">PDF</a> |
| <a href="#">4A000-02401-A</a>             | \$;-5x[l: | Spartan solenoid coil, 24 VDC, 10W, 18mm DIN style wiring plug. For use with 6100, 6200 and 6222 series Spartan valves.      | <a href="#">0.30</a> | <a href="#">PDF</a> |
| <a href="#">4A000-02411-A</a>             | \$;5x[n:  | Spartan solenoid coil, 24 VAC, 11.5 VA, 18mm DIN style wiring plug. For use with 6100, 6200 and 6222 series Spartan valves.  | <a href="#">0.30</a> | <a href="#">PDF</a> |
| <a href="#">4A000-12011-A</a>             | \$;5x[o:  | Spartan solenoid coil, 120 VAC, 11.5 VA, 18mm DIN style wiring plug. For use with 6100, 6200 and 6222 series Spartan valves. | <a href="#">0.30</a> | <a href="#">PDF</a> |
| <a href="#">4A000-22011-A</a>             | \$;5x[p:  | Spartan solenoid coil, 220 VAC, 11.5 VA, 18mm DIN style wiring plug. For use with 6100, 6200 and 6222 series Spartan valves. | <a href="#">0.30</a> | <a href="#">PDF</a> |
| <a href="#">4A001-01201-A</a>             | \$;5x[q:  | Spartan solenoid coil, 12 VDC, 10W, 18in 22AWG pigtail. For use with 6100, 6200 and 6222 series Spartan valves.              | <a href="#">0.30</a> | <a href="#">PDF</a> |
| <a href="#">4A001-02401-A</a>             | \$;5x[s:  | Spartan solenoid coil, 24 VDC, 10W, 18mm DIN style wiring plug. For use with 6100, 6200 and 6222 series Spartan valves.      | <a href="#">0.30</a> | <a href="#">PDF</a> |
| <a href="#">4A001-02411-A</a>             | \$;5x[v:  | Spartan solenoid coil, 24 VAC, 11.5 VA, 18mm DIN style wiring plug. For use with 6100, 6200 and 6222 series Spartan valves.  | <a href="#">0.30</a> | <a href="#">PDF</a> |
| <a href="#">4A001-12011-A</a>             | \$;5x[x:  | Spartan solenoid coil, 120 VAC, 11.5 VA, 18mm DIN style wiring plug. For use with 6100, 6200 and 6222 series Spartan valves. | <a href="#">0.30</a> | <a href="#">PDF</a> |
| <a href="#">4A001-22011-A</a>             | \$;5x[y:  | Spartan solenoid coil, 220 VAC, 11.5 VA, 18mm DIN style wiring plug. For use with 6100, 6200 and 6222 series Spartan valves. | <a href="#">0.30</a> | <a href="#">PDF</a> |