



www.assuredautomation.com  
800-899-0553

| <b>31D series</b>  |  |              |              |              |               |            |            |                  |       |
|--|--|--------------|--------------|--------------|---------------|------------|------------|------------------|-------|
| Std. Port, Brass, 3-Way Ball Valve with Direct Mount Actuator, NPT                                       |  |              |              |              |               |            |            |                  |       |
| <b>Pneumatic Actuators</b>   |  |              |              |              |               |            |            |                  |       |
|  | Spring Return  |              |              |              | Double Acting |            |            |                  |       |
|  | 80 PSIG  |              | 60 PSIG      |              | 80 PSIG       |            | 60 PSIG    |                  |       |
|  | *31D--X08S**   | *31D--XE8S** | *31D--X06S** | *31D--XE6S** | *31D--X08D    | *31D--XE8D | *31D--X06D | *31D--XE6D       |       |
| A 1/4"   | \$ 266   | \$ 347       | \$ 266       | \$ 347       | \$ 197        | \$ 315     | \$ 197     | 315              |       |
| B 3/8"   | \$ 266   | \$ 347       | \$ 266       | \$ 347       | \$ 197        | \$ 315     | \$ 197     | 315              |       |
| C 1/2"   | \$ 268   | \$ 349       | \$ 268       | \$ 349       | \$ 199        | \$ 317     | \$ 199     | 317              |       |
| D 3/4"   | \$ 314   | \$ 547       | \$ 314       | \$ 547       | \$ 259        | \$ 323     | \$ 259     | 323              |       |
| E 1"   | \$ 382   | \$ 518       | \$ 382       | \$ 518       | \$ 329        | \$ 358     | \$ 329     | 394              |       |
| F 1 1/4"   | \$ 428   | \$ 565       | \$ 428       | \$ 565       | \$ 376        | \$ 404     | \$ 376     | 441              |       |
| G 1 1/2"   | \$ 548   | \$ 668       | \$ 548       | \$ 924       | \$ 452        | \$ 518     | \$ 452     | 518              |       |
| H 2"   | \$ 762   | \$ 810       | \$ 762       | \$ 1,002     | \$ 626        | \$ 734     | \$ 626     | 734              |       |
| I 2 1/2"   | \$ 1,134   | \$ 1,375     | \$ 1,221     | \$ 1,375     | \$ 999        | \$ 1,107   | \$ 1,040   | 1130             |       |
| J 3"   | \$ 1,231   | \$ 1,384     | \$ 1,231     | \$ 1,384     | \$ 1,009      | \$ 1,116   | \$ 1,050   | 1140             |       |
| * Size Code ** Fail Position: C=Closed, O=Open, -- Port Arrangement (See Flow Chart)                     |  |              |              |              |               |            |            |                  |       |
| <b>Electric Actuators</b>  |  |              |              |              |               |            |            |                  |       |
|  | NEMA 4   |              |              |              | XP            | Manual     |            |                  |       |
|  | *31D--XV4A   | *31D--XV4**  | *31D--XR4A   | *31D--XR4**  | *31D--XE7A    | *31D--XM   |            |                  |       |
| A 1/4"   | 310  | 333          | 466          | 421          | 958           | \$ 71      |            |                  |       |
| B 3/8"   | 310  | 333          | 466          | 421          | 958           | \$ 71      |            |                  |       |
| C 1/2"   | 312  | 334          | 468          | 423          | 960           | \$ 73      |            |                  |       |
| D 3/4"   | 318  | 340          | 474          | 429          | 966           | \$ 79      |            |                  |       |
| E 1"   | 514  | 545          | 509          | 464          | 1001          | \$ 118     |            |                  |       |
| F 1 1/4"   | 561  | 592          | 555          | 510          | 1048          | \$ 165     |            |                  |       |
| G 1 1/2"   | 999  | 1029         | 651          | 587          | 1124          | \$ 246     |            |                  |       |
| H 2"   | 1140   | 1171         | 793          | 728          | 1266          | \$ 388     |            |                  |       |
| I 2 1/2"   | 1513   | 1544         | 1166         | 1101         | 2490          | \$ 794     |            |                  |       |
| J 3"   | 1523   | 1553         | 1175         | 1111         | 2499          | \$ 804     |            |                  |       |
| * Size Code Voltage Code: A = 120VAC, ** Use: B(24VDC) or F(12VDC), -- Port Arrangement (See Flow Chart) |  |              |              |              |               |            |            |                  |       |
| <b>Accessory items</b>   |  |              |              |              |               |            |            |                  |       |
| <b>Solenoid Valves</b>   |  |              |              |              |               |            |            |                  |       |
| Code   |  |              |              |              |               |            |            |                  |       |
| E1*  | 3-Way Nema 4/4X, potted 1/2" Conduit, NAMUR Mount              |              |              |              |               |            |            | \$               | 86    |
| E2*  | 3-Way Nema 4/4X/7, potted 1/2" Conduit, NAMUR Mount            |              |              |              |               |            |            | \$               | 122   |
| E3*  | 3-Way Nema 4/4X Din Cord Grip, NAMUR Mount                     |              |              |              |               |            |            | \$               | 68    |
| E4*  | 3-Way Nema 4/4X Din, 1/2" Conduit, NAMUR Mount                 |              |              |              |               |            |            | \$               | 77    |
| E5*  | 3-Way Nema 4/4X Din, 1/2" Conduit, NAMUR Mount, 6' Cord Set    |              |              |              |               |            |            | \$               | 94    |
| E6*  | 3-Way Nema 4/4X Din, 1/2" Conduit, NAMUR Mount, 15' Cord Set   |              |              |              |               |            |            | \$               | 102   |
| C1*  | 3/4-Way Nema 4/4X, potted 1/2" Conduit, NAMUR Mount            |              |              |              |               |            |            | \$               | 122   |
| C2*  | 3/4-Way Nema 4/4X/7, potted 1/2" Conduit, NAMUR Mount          |              |              |              |               |            |            | \$               | 158   |
| C3*  | 3/4-Way Nema 4/4X Din Cord Grip, NAMUR Mount                   |              |              |              |               |            |            | \$               | 110   |
| C4*  | 3/4-Way Nema 4/4X Din, 1/2" Conduit, NAMUR Mount               |              |              |              |               |            |            | \$               | 110   |
| C5*  | 3/4-Way Nema 4/4X Din, 1/2" Conduit, NAMUR Mount, 6' Cord Set  |              |              |              |               |            |            | \$               | 127   |
| C6*  | 3/4-Way Nema 4/4X Din, 1/2" Conduit, NAMUR Mount, 15' Cord Set |              |              |              |               |            |            | \$               | 135   |
| * Voltage Codes A=120VAC, B = 24VDC, C=220VAC, E=24VAC, F=12VDC, Others Available)                       |  |              |              |              |               |            |            |                  |       |
| <b>Limit Switches</b>  |  |              |              |              |               |            |            |                  |       |
| YF   | Weatherproof 2 SPDT, Mechanical                                |              |              |              |               |            |            | \$               | 83    |
| YO   | Class I, Div II, Proximity Sensor, Lexan Cover                 |              |              |              |               |            |            | \$               | 516   |
| YH   | Class I, Div I, Proximity Sensor, Alum. Cover                  |              |              |              |               |            |            | \$               | 553   |
| YE   | Class I, Div I, Mechanical Switch, Alum. Cover                 |              |              |              |               |            |            | \$               | 369   |
| UA   | Weatherproof Efector IN0117 AC/DC Non-Contact, 2 NO Contacts   |              |              |              |               |            |            | \$               | 220   |
| UB   | Weatherproof Efector IN5327 DC Non-Contact, 2 NO Contacts      |              |              |              |               |            |            | \$               | 204   |
| <b>Manual Valve with Limit Switch</b>  |  |              |              |              |               |            |            |                  |       |
| Call Factory for Pricing   |  |              |              |              |               |            |            |                  |       |
| <b>Pneumatic Actuator Positioners</b>  |  |              |              |              |               |            |            |                  |       |
| P5   | 3-15PSIG input PMV Positioner (w/o gauges)                     |              |              |              |               |            |            | \$               | 696   |
| E5   | 4-20mADC Input positioners (w/o gauges)                        |              |              |              |               |            |            | \$               | 1,240 |
| <b>Electric Actuators</b>  |  |              |              |              |               |            |            |                  |       |
| VEP  | V series Electronic Positioner                                 |              |              |              |               |            |            | \$               | 695   |
| <b>Effective:</b>  |  |              |              |              |               |            |            | <b>11/1/2008</b> |       |