



**GUARDIAN**  
Electric Manufacturing

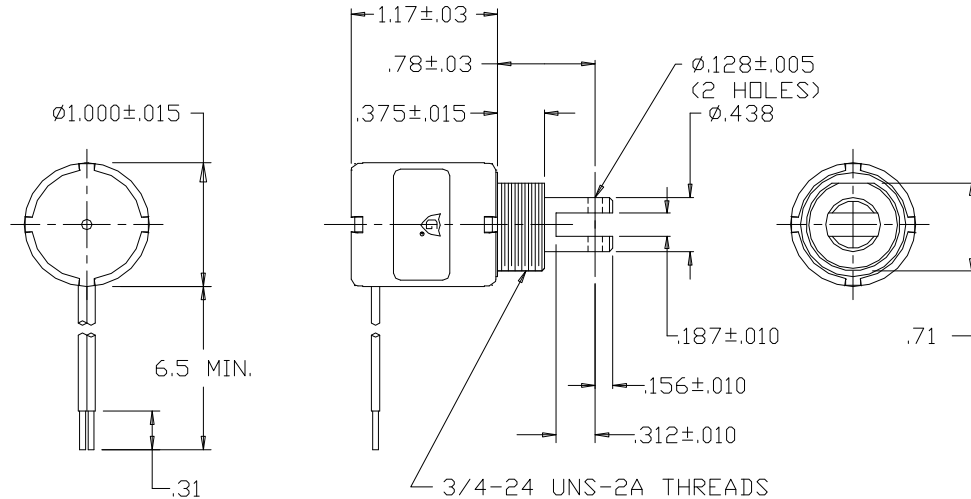
**ISO 9001 / AS9100 Certified Company**

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Or visit us at our website [www.guardian-electric.com](http://www.guardian-electric.com)

## Model T8 x 9

## DC Tubular Solenoid



Solenoid shown energized and fully seated.

Supplied with mounting bracket, hex nut and lockwasher (not shown).

Spring kits are available (consult factory).

Total Weight: 3.46 oz.

Plunger Weight: 1.03 oz.

| Model No. | Part No.       | Duty Cycle   | Voltage | Resistance (Ω) | Power (W) | Current |
|-----------|----------------|--------------|---------|----------------|-----------|---------|
| T8x9-I-12 | A420-066653-00 | Intermittent | 12VDC   | 10.9           | 13.9      | 1.1 A   |
| T8x9-C-12 | A420-066652-00 | Continuous   | 12VDC   | 35.5           | 4.3       | 228 mA  |
| T8x9-I-24 | A420-066655-00 | Intermittent | 24VDC   | 44             | 13.7      | 545 mA  |
| T8x9-C-24 | A420-066654-00 | Continuous   | 24VDC   | 135            | 4.5       | 178 mA  |

When ordering, please refer to Part No., as listed above.

Consult factory for custom configurations.

| Pull Force (oz.)  |       |       |       |       |       |       |       |       | Holding Force (oz.) |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|
| Stroke (in.)      | 0.050 | 0.125 | 0.250 | 0.375 | 0.500 | 0.625 | 0.750 | 1.000 | -                   |
| Continuous Duty   | 20    | 10    | 4     | 1     | 0.5   | n/a   | n/a   | n/a   | 96                  |
| Intermittent Duty | 42    | 30    | 15    | 6     | 2     | n/a   | n/a   | n/a   | 128                 |

### UL Recognition

Recognized under the   
Component Recognition Program of  
**Underwriters Laboratories, Inc.**

### Continuous Duty

100% 'On' Time

### Intermittent Duty

25% 'On' Time, (100 Seconds 'On' Max.  
Followed By 300 Seconds 'Off' Min.)

### RoHS

These parts comply with **RoHS** Directive 2002/95/EC