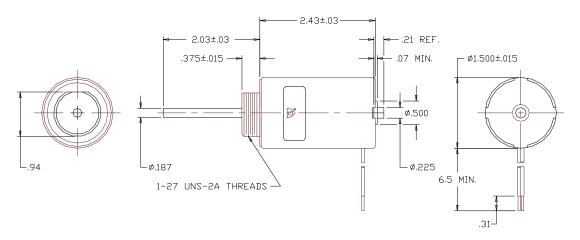


#### ISO 9001 / AS9100 Certified Company

Woodstock, IL 60098 Ph. (815)334-3600 Fax (815)337-0377 Or visit us at our website www.guardian-electric.com

# Model TP12 x 19 Push-Type 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: 14.2 oz. Plunger Weight: 2.20 oz.

Model No.	Part No.	<b>Duty Cycle</b>	Voltage	Resistance ( $\Omega$ )	Power (W)	Current
TP12x19-I-12	A422-064104-03	Intermittent	12VDC	5.6	27	2.15 A
TP12x19-C-12	A422-064104-04	Continuous	12VDC	17.5	8.6	685 mA
TP12x19-I-24	A422-064104-01	Intermittent	24VDC	22.1	27.4	1.09 A
TP12x19-C-24	A422-064104-02	Continuous	24VDC	68	8.9	353 mA

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

Consult factory for custom configurations.

	Holding Force (oz.)								
Stroke (in.)	0.050	0.125	0.250	0.375	0.500	0.625	0.750	1.000	-
Continuous Duty	80	48	24	16	14	12	8	6	143
Intermittent Duty	116	88	56	40	32	28	22	16	163

# **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