

**CUSTOM TUBULAR PUSH SOLENOID TPS**  
**Datasheet**

Project: Tubular Push Solenoid (TPS)  
Revision: 0  
Date: 2/6/17  
Industry: Industrial Control

**Specifications**

**Operation**

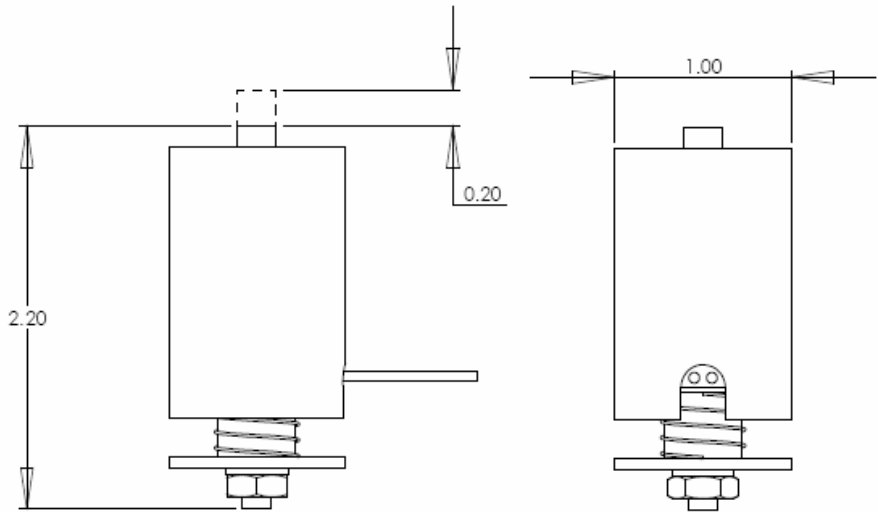
Continuous Duty Push Solenoid,  
with Spring Retract

**Physical**

Stroke: 0.20"  
Push Force:  
25 lb (powered & extended)  
1 lb (powered & retracted)  
Push Rod: 1/4" Dia  
Temperature Range: -40 to 140°F

**Electrical**

Voltage: 24 vdc  
Current: 0.5 A max  
Duty Cycle: 100%  
Lead Wires: 6", 22 AWG Copper Wire



This customer needed a unique combination of pushing force, so they contacted us for a custom tubular solenoid. These solenoids are quite common, but when you need a defined push force at both ends of the stroke, a custom product may be in order. We developed a solenoid with precisely the forces they need and that helped cut costs overall. Typically, a much larger solenoid would have been required to achieve the target forces. Our compact design saved them money overall.

At Preston Solenoid, we work with our customers to help them achieve their goals. Contact us to see if you might make use of our capabilities and experience. We will be glad to provide you with a budgetary estimate and initial design proposal, all at no cost or obligation.

