

PA0036 - Latching solenoid for Fire Protection Systems

Description:

A linear on / off solenoid that is designed to replace pyrotechnic burst devices or more complex gas routing systems in various fire protection applications. The unit is held in the latched position and when provided a release signal, allows media from a compressed gas cylinder to open larger valves or ports to directly act on suppression of the event. Based upon the cylinder or valve being acted upon, strokes, latching force and port size / locations can be modified and / or adjusted as needed

Features:

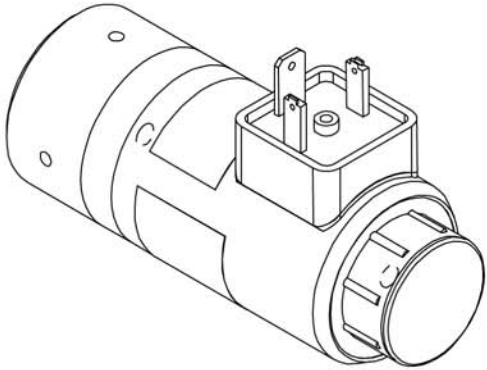
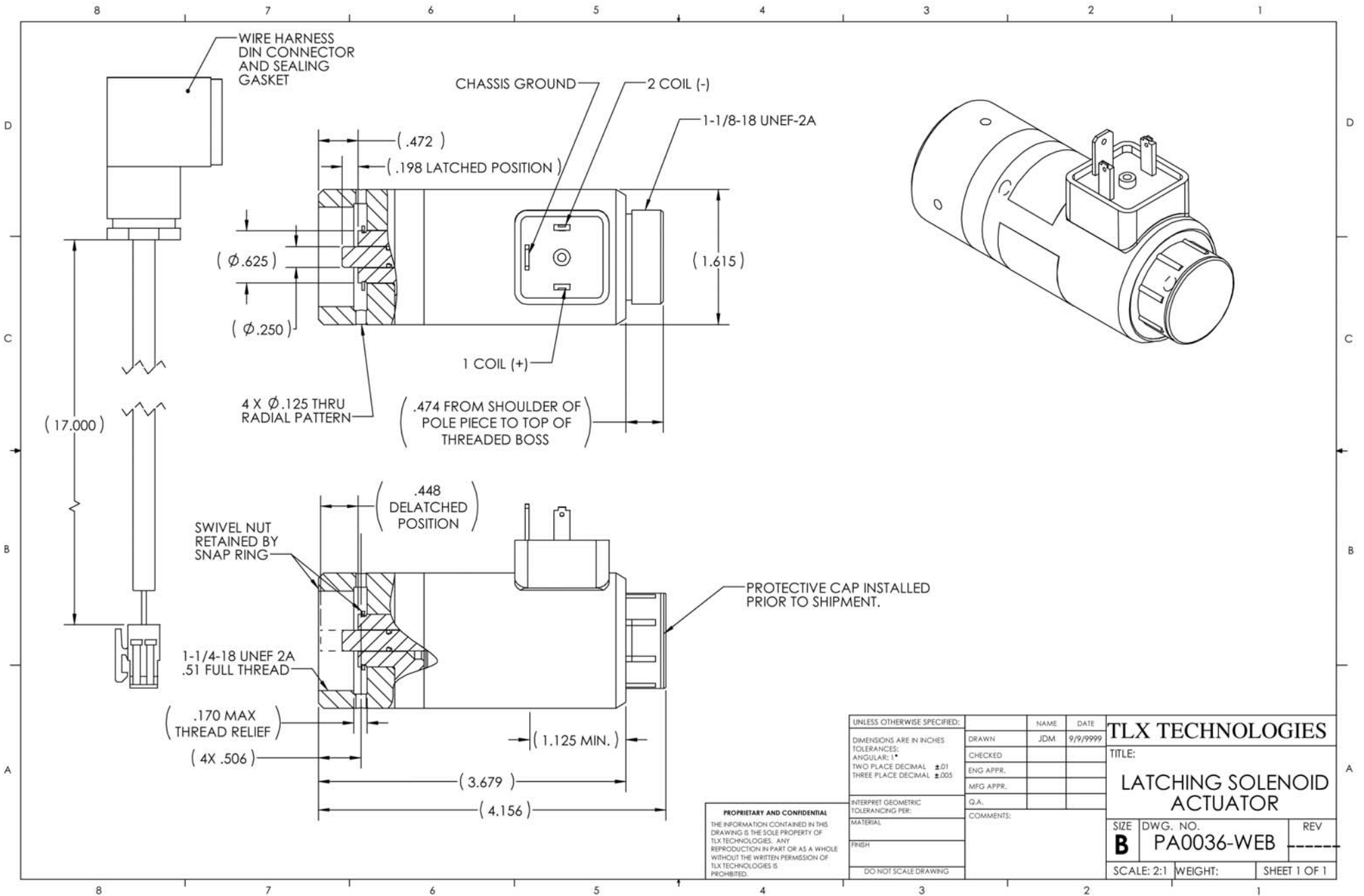
- High latching forces
- Fast response
- Options
 - Manual release button cap
 - Reset tool
- UL approval – Recognized to UL864
- Tested in accordance with UL508



Specifications:

English (metric as applies)

Manual actuation force	18kgf Max
Operating force	90N @ 1mm from un-activated 85N @ 2mm from un-activated 80N @ 3mm from un-activated 75N @ 4mm from un-activated 70N @ 5mm from un-activated 65N @ 6mm from un-activated
Power requirements	24 Volts DC
Current	0.5A @ 24Volts DC
Electrical connection	DIN 43 650-A/ISO 440 3pin
Operating Temperature range	-20C to +55C
Connection	1 ¼-18UNEF Brass end fitting
Weight	0.85 kg
Life span	10 years from manufacture date
Dimensions	41mm body diameter Length – 106mm or 150 w/manual actuation cap



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UNLESS OTHERWISE SPECIFIED:	NAME	DATE	TLX TECHNOLOGIES	
DIMENSIONS ARE IN INCHES	JDM	9/9/9999		
TOLERANCES:	DRAWN		TITLE:	
ANGULAR: 1*	CHECKED		LATCHING SOLENOID ACTUATOR	
TWO PLACE DECIMAL ±.01	ENG APPR.		SIZE	DWG. NO.
THREE PLACE DECIMAL ±.005	MFG APPR.		B	PA0036-WEB
INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.		SCALE: 2:1	WEIGHT:
MATERIAL	COMMENTS:			SHEET 1 OF 1
FINISH				
DO NOT SCALE DRAWING				