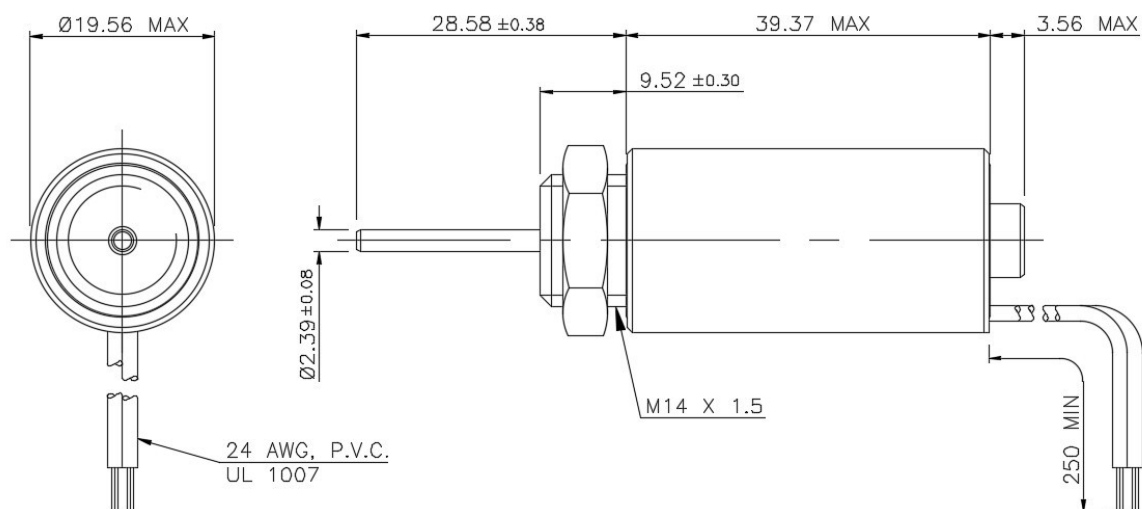


Tubular Solenoid

Linear - Push—SDT 2039S



Dimensions



(NUT REMOVED FOR CLARITY)

Solenoid shown in energised position.

General Specifications

Dielectric Strength:

1000 VRMS

Coil Resistance:

+/- 5% tolerance

Holding Force:

12.8 N @ 20° C

Weight:

78.2 g

Plunger Weight:

Recommended Heat Sink:

Maximum watts dissipated by the solenoid are based on an unrestricted flow of air at 20° C mounted on the equivalent of an aluminium plate 76 x 76 x 3.2mm min.

Coil Specifications

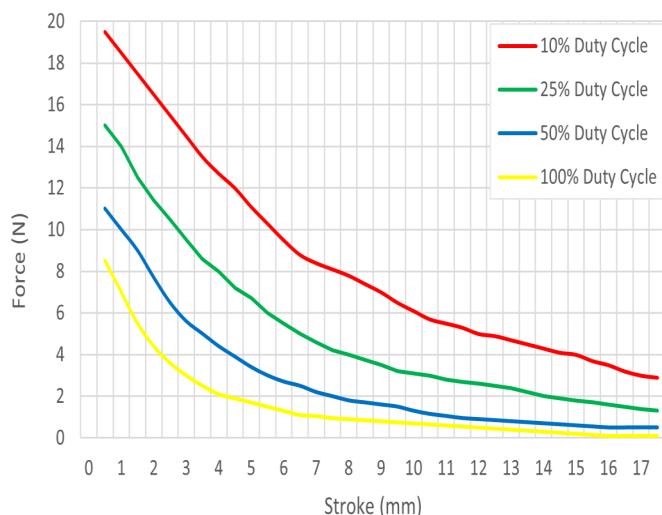
Maximum Duty Cycle	100%	50%	25%	10%
Maximum ON Time (seconds) when pulsed continuously	∞	230	25	6
Maximum ON Time (seconds) for single pulse	∞	265	63	15
Watts (@20° C)	7	14	28	70
Ampere Turns (@ 20° C)	855	1200	1700	2700

Coil Data

awg. (2XX)	Resistance (@ 20°C)	# Turns	Nominal DC Voltage			
25	2.13	488	3.9	5.5	7.7	12.2
26	2.9	544	4.5	6.4	9.0	14.2
27	5.27	760	6.1	8.6	12.1	19.2
28	9.15	1026	8.0	11.3	16.0	25.0
29	12.5	1146	9.4	13.2	18.7	30.0
30	20.7	1491	12.0	17.0	24.0	38.0
31	33.6	1904	15.0	22.0	31.0	48.0
32	53.5	2394	19.4	27.0	39.0	61.0
33	83.5	2970	24.0	34.0	48.0	76.0

Performance Specifications

Typical starting force @ 20°c



NSF Controls reserves the right to amend specification without prior notice. (Rev 05/25) www.nsfcontrols.co.uk

NSF Controls Ltd | Ingrow Bridge Works | Keighley | West Yorkshire | BD21 5EF | UK | E:enquiries@nsfcontrols.co.uk | T: +44(0)1535 661144