

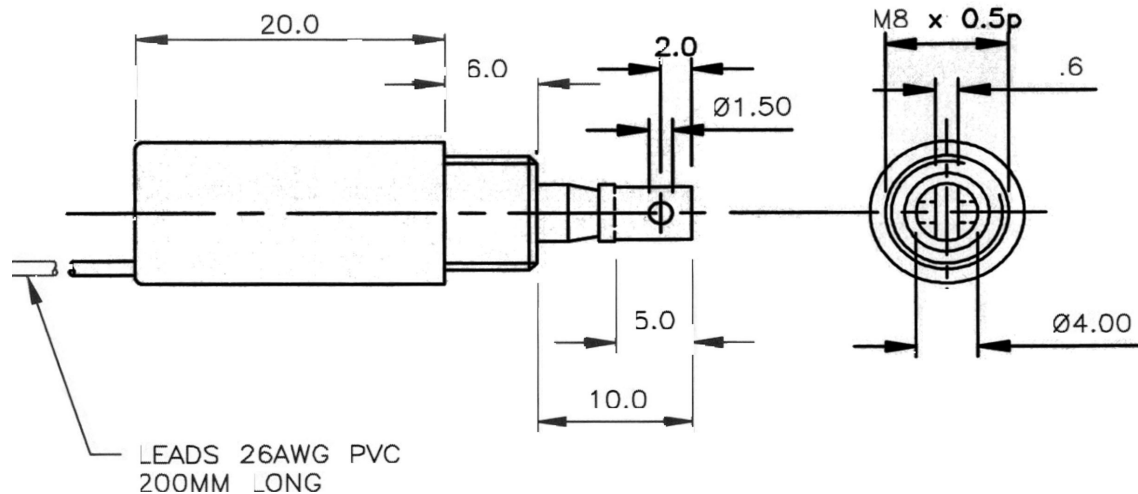
Tubular Solenoid

Linear - Pull - SDT1020L



NSF
Innovative solutions
for a changing world

Dimensions



Solenoid shown in energised position

General Specifications

Dielectric Strength: 500 VRMS

Coil Resistance: +/- 5% tolerance

Holding Force: 300 g @ 20° C

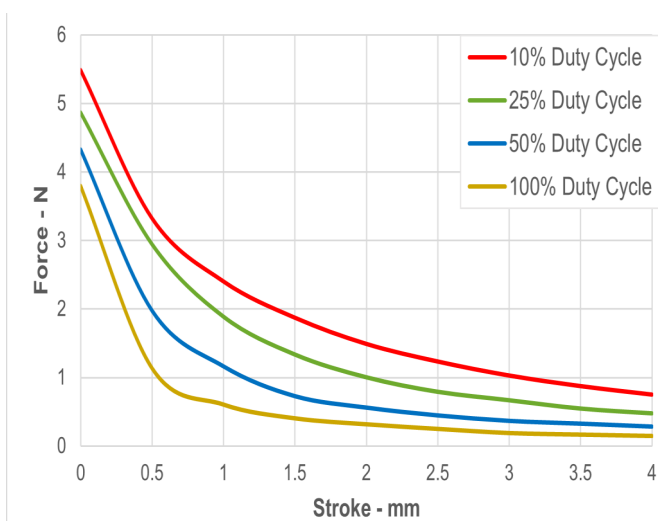
Weight: 13 g

Plunger Weight: 3 g

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 51 x 51 x 3.2mm min.

Performance Specifications

Typical Starting Force @20° c



Coil Specifications

Maximum Duty Cycle	100%	50%	25%	10%
Maximum ON Time (seconds) when pulsed continuously	∞	30	3	1
Maximum ON Time (seconds) for single pulse	∞	90	9	3
Watts (@ 20° C)	2.3	4.6	9.2	23
Ampere Turns (@ 20° C)	262	373	526	833
Coil Data				
avg.	Resistance (@ 20°C)	# Turns	Nominal DC Voltage	
35	15.6	680	6	8.5 12 19
38	62.6	1372	12	17 24 38
40	157	2210	19	27 38 60

Other ratings available on request

NSF Controls reserves the right to amend specification without prior notice. (Rev 08/21) www.nsfcontrols.co.uk

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