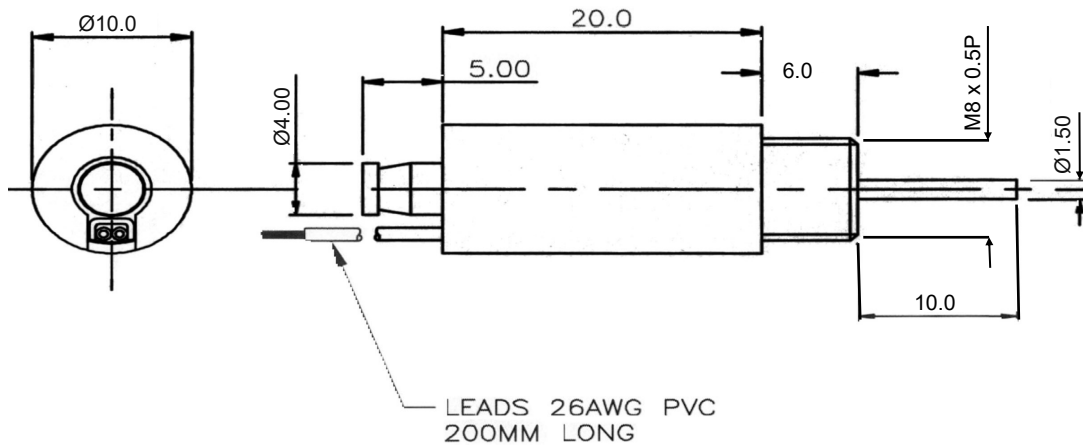


Tubular Solenoid

Linear - Push - SDT1020S



Dimensions



Solenoid shown in energised position

General Specifications

Dielectric Strength: 500 VRMS

Coil Resistance: +/- 5% tolerance

Holding Force: 300 g @ 20° C

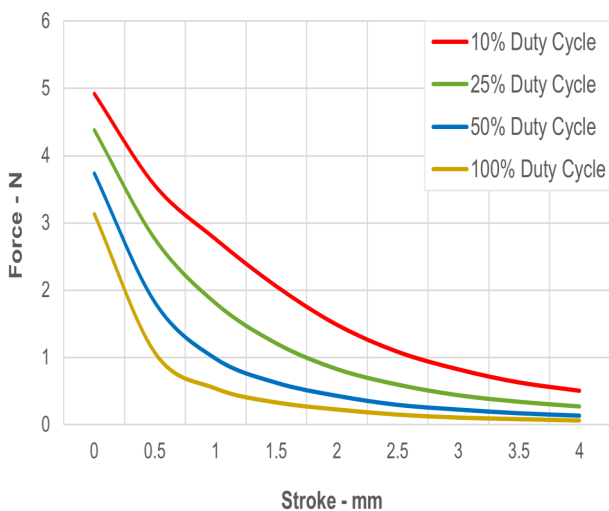
Weight: 14 g

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						
awg.	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 01/24) www.nsfcontrols.co.uk

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