

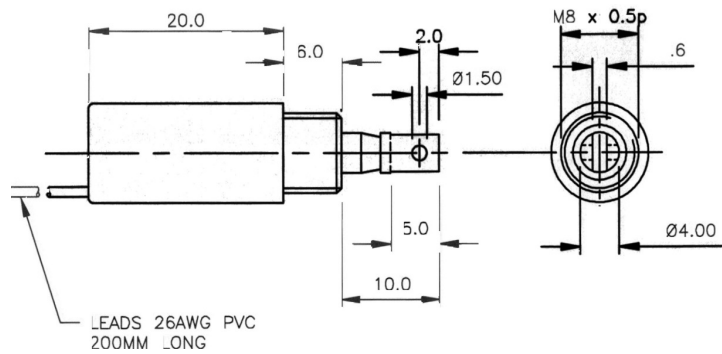
Tubular Solenoid

Long Life Linear

Push **SDT1020S-2XX**

Pull **SDT1020L-2XX**

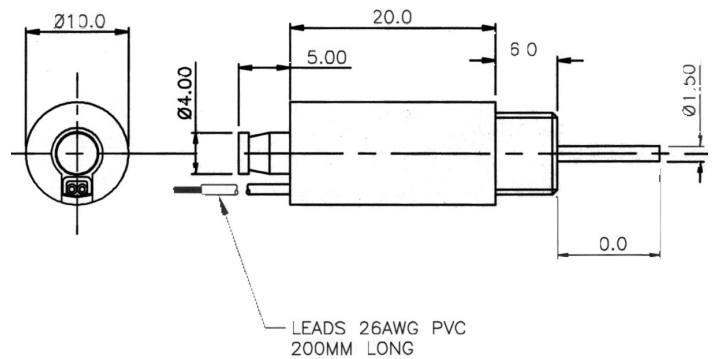
- **Dielectric Strength:** 500 VRMS
- **Recommended Heat Sink:** Maximum watts dissipated by the solenoid are based on an unrestricted flow of air at 20°C mounted on the equivalent of an aluminium plate 51 x 51 x 3.2mm min.



General Specifications:

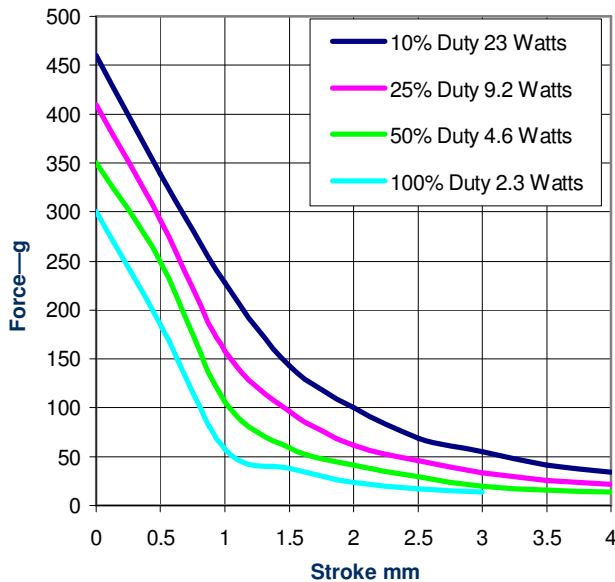
- **Coil Resistance:** +/- 5% tolerance
- **Holding Force:** 300 g @ 20°C
- **Weight:** 13 g Pull / 14 g Push
- **Plunger Weight:** 3 g Pull / 3 g Push

Solenoid shown in energised position



Performance Specification

Typical Starting Force @ 20°C



How to Order

Add the coil awg. number to the part number, alternatively please specify:

- Voltage
- Duty Cycle
- Starting Force
- Stroke Required
- Any Special Requirements

Coil Specifications

Maximum Duty Cycle	100%	50%	25%	10%
Maximum ON Time (seconds) When pulsed continuously (1)	∞	30	3	1
Maximum ON Time (seconds) for single pulse (2)	∞	90	9	3
Watts (@20°C)	2.3	4.6	9.2	23
Ampere Turns (@ 20°C)	262	373	526	833

Coil Data

avg. (2XX) (3)	Resistance (@ 20°C)	# Turns (4)	Nominal DC Voltage			
35	15.6	680	6	8.5	12	19
38	62.6	1372	12	17	24	38
41	250.4	2732	24	34	48	76

Other ratings available on request

Notes

1. Continuously pulsed at stated watts and duty cycle
2. Single pulsed at stated watts (with coil at ambient room temperature 20°C)
3. Other coil gauges available, consult factory
4. Reference number of turns
5. Anti rotational mounting bushes available on request

Please Note: In line with continued development we reserve the right to amend specification without prior notice (Rev 02/13)

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