

# Open Frame Solenoid

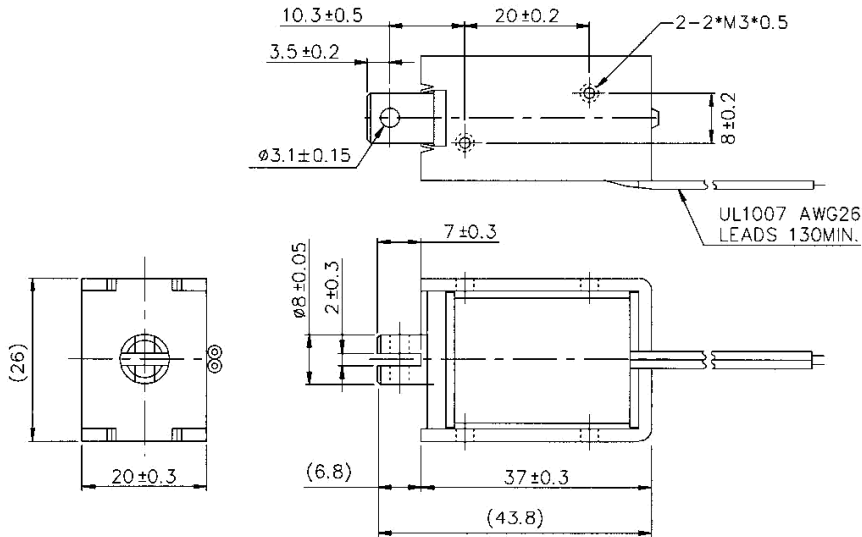
## Pull - SDO 0837L



# NSF

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### Dimensions



Solenoid shown in energised position

### General Specifications

**Dielectric Strength:** 1000 VRMS 1 minute

**Insulation Grade:** Class A (105°C) Lead Wire

**Life Expectancy:** Standard Life 500,000 cycles minimum

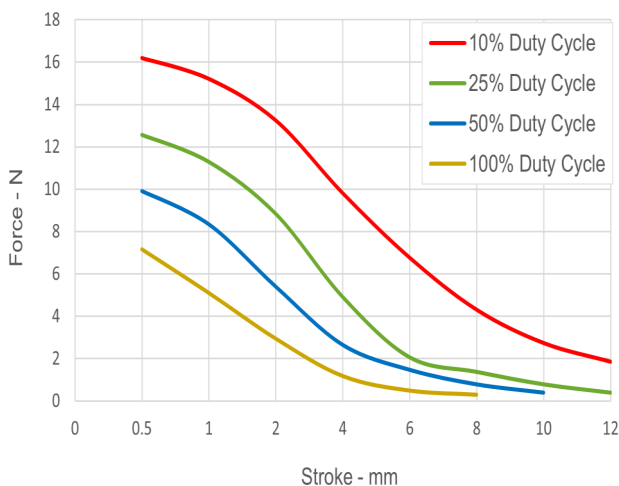
**Operating Temp. Range:** -20°C — +40 °C

**Solenoid Weight:** 82g

**Plunger Weight:** 12g

### Performance Specifications

Typical Starting Force @ 20°C



### Coil Specifications

Maximum Duty Cycle (%)	Continuous	50%	25%	10%		
MAX. "on" time in seconds	∞	100	36	7		
Watts at 20°C	4	8	16	40		
Ampere-turns at 20°C	666	941	1332	2106		
Type no.	Resistance (20°C) Ω+10%	No. turns	Volts DC			
SDO-0837L06—	10.6	1000	6	8.5	12	19
SDO-0837L12—	42	2000	12	17	24	38
SDO-0837L24—	169	4000	24	34	48	76

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

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