



Series 122 Tubular Solenoid



GENERAL DESCRIPTION

● DC operated

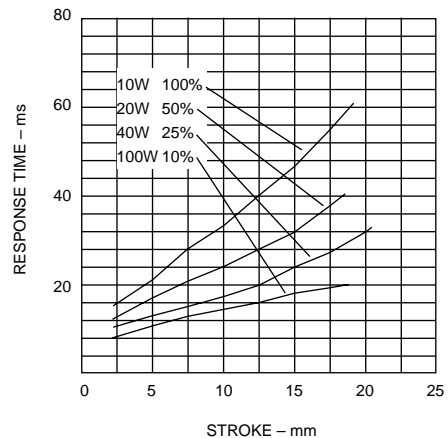
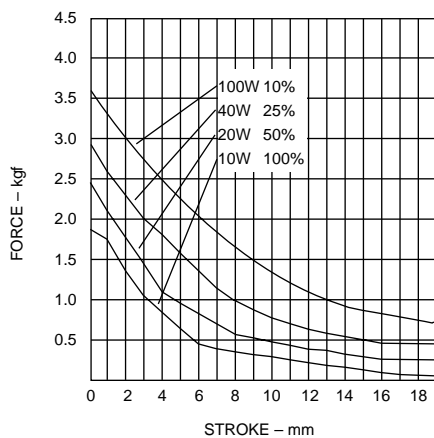
● Noise reduction feature

● Tubular solenoid

PERFORMANCE

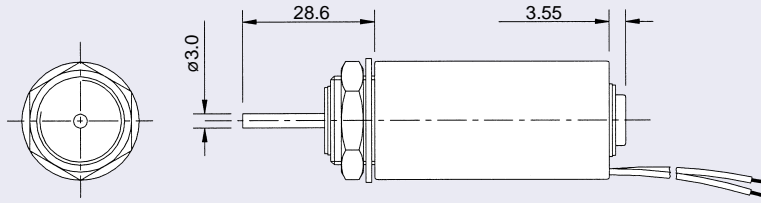
	ITEM	SPECIFICATION
Electrical	Closed power (continuous ratings)	10.0W
	Maximum permissible voltage	160V DC
	Dielectric strength	1KV RMS 50Hz
	Insulation	1KV
Mechanical	Weight	Total: 178g Plunger: 43g
	Ambient temperature	The information given on this page is based on a working temperature of 20°C.
	Force/stroke curve	This force stroke curve shows average performance only with coil at ambient temperature. In addition to normal manufacturing tolerances, deviations can be expected at some voltages due to the coil winding tolerances.

FORCE/STROKE CURVE AND RESPONSE TIME



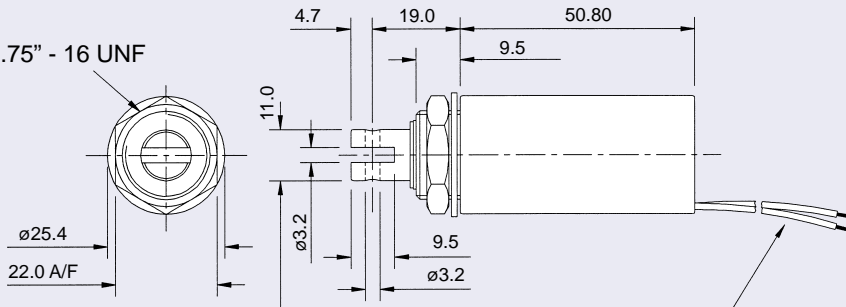
DIMENSIONS (mm)

Push type - shown energised



Pull type - shown energised

Thread: 0.75" - 16 UNF



Leads: 24 AWG UL1007
Length: 155.0 minimum

COIL DATA

Pull Type	Push Type	Resistance (20°C) $\Omega \pm 10\%$	Cont. (100%) Vdc	50% Vdc	25% Vdc	10% Vdc
122 420 610 540	122 420 620 540	3.6	6	8.5	12	19
122 420 610 620	122 420 620 620	14.4	12	17	24	38
122 420 610 720	122 420 620 720	57.6	24	34	48	76
Watts at 20°C			10	20	40	100
Max. on time (Secs)			∞	360	32	8

Other voltages available on request

$$\text{Duty cycle (\%)} = \frac{\text{"ON" time}}{\text{"ON" time} + \text{"OFF" time}} \times 100\%$$



BLP products are designed, manufactured and tested to ISO 9001 quality standards.

BLP reserve the right to change without prior notice the information contained in this leaflet.

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