

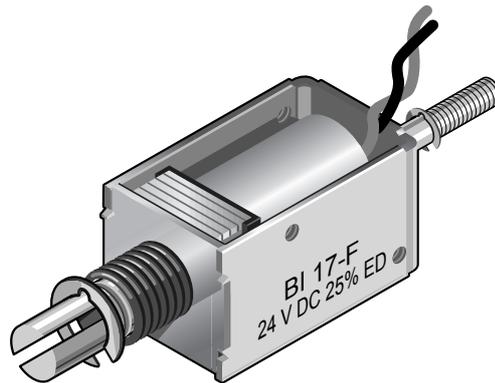
BI17 Series Bistable Linear Solenoid Thrust & Pull Type

BI	17	- F -	24 V DC	25 % ED	Order specifications
BI					Linear solenoid
	17				Design type
					Coil terminals
		F			Flying leads (10 cm standard length)
			24		Nominal voltage (standard voltage) ¹⁾
				25 % ED	Perm. duty cycle under air cooled conditions (LK)

¹⁾ Other voltages are available on request up to 60 V DC

Preferred types competitively priced and available on a quick delivery.

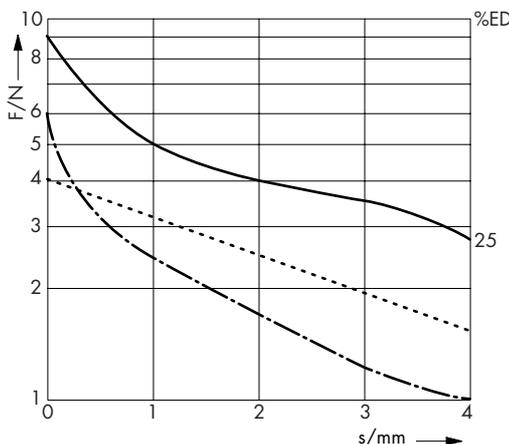
BI17-F-24VDC 25%ED



Weight:
 Complete solenoid: appr. 46 g
 Armature: appr. 12 g
 Standard:
 Voltage: 24 V DC
 Flying leads: 10 cm
 Insulation class: E (max. permissible temperature = 120 °C)
 Insulation group according to: VDE 0110 C 75
 Test voltage: 800 V (eff)
 Protection: IP 00

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	25	%	Perm. duty cycle (ED)
	9,5	W	Nominal coil power P _n
	22	ms	Actuation time (ED)
	11	ms	Drop-out time



Force vs. Stroke diagramm $F = f(s)$

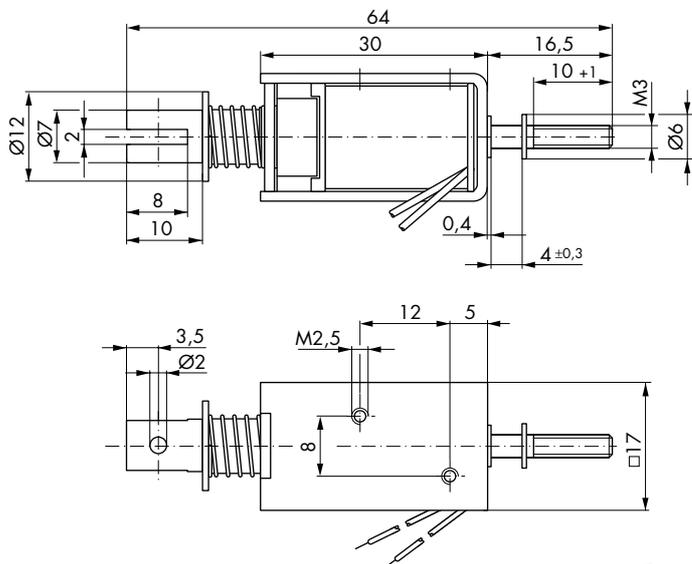
..... spring force
 - - - - - permanent force

Force measured when operating in horizontal position, at 90 % rated voltage and with winding at operating temperature

stroke $s = 0$ corresponds to armature in fully home position

Force vs. stroke characteristics measured without return spring

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Dimensions given with armature
 in fully home position

→
 Direction of stroke

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