

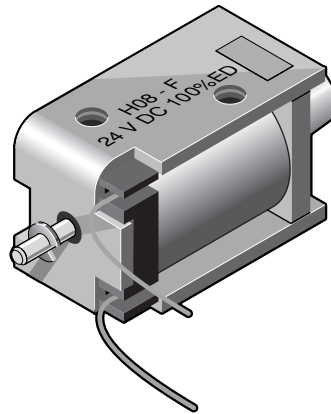
# H08 Series Linear Solenoid Thrust Type

H	08	- F -	24 V DC	100 % ED	Order specifications
H					Linear solenoid
	08				Sizes
					Coil terminals
		F			Flying leads (5 cm standard length)
			24		Nominal voltage (standard voltage) <sup>1)</sup>
				100 % ED	Perm. duty cycle under air cooled conditions (LK)

Preferred types competitively priced and available on a quick delivery.

**H08-F-24VDC 100%ED**

<sup>1)</sup> Other voltages are available up to 24 V DC

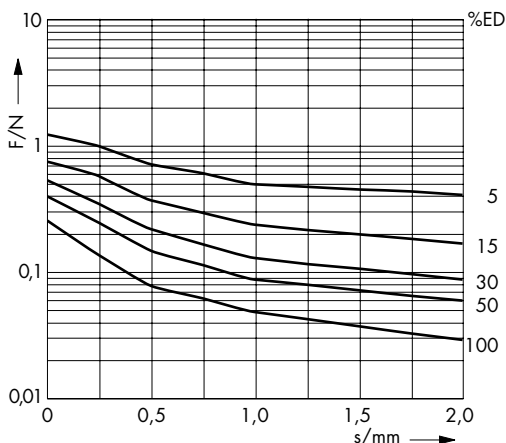


Weight:  
 Complete solenoid: 6 g  
 Armature: 1.6 g  
 Standard:  
 Voltage: 24 V DC  
 Flying leads: 5 cm  
 Insulation class: E (max. permissible temperature = 120 °C)  
 Insulation according to DIN VDE 0110-1: 0.5 KV/1  
 Test voltage: 500 V (eff)

Long life expectancy through plastic bobbin armature bearing.

	100	50	30	15	5	% Perm. duty cycle (ED) <sup>2)</sup>
	1,1	2,3	3,6	6,9	18	W Nominal coil power P <sub>n</sub>

<sup>2)</sup> If solenoid is mounted directly onto a flat metal surface of at least 45 cm<sup>2</sup>, the duty cycle can be extended up to 1.3 x nominal rating



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

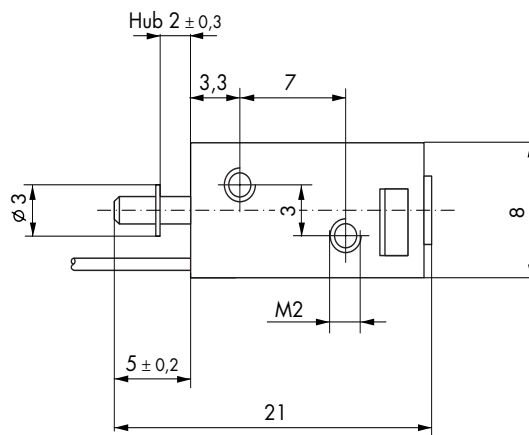
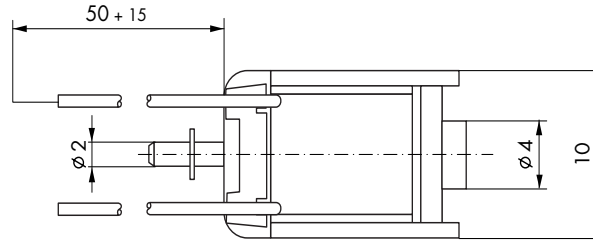
Force measured when operating in horizontal position, at 90 % rated voltage and with winding at operating temperature

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

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Series H 08 thrust type solenoid



Dimensions given with armature  
 in fully home position

←  
 Direction of stroke

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