Email: sales@impulseautomation.co.uk
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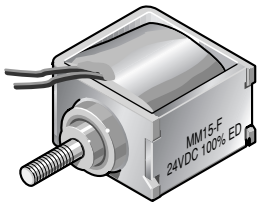
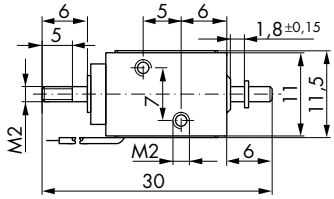
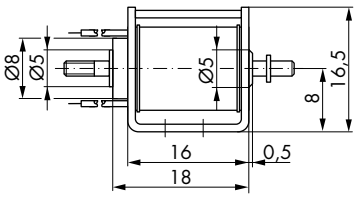
MM Series Linear Solenoid Push and/or Pull Type

MM	05	– F –	24 V DC	100 % ED	Order specifications
MM					Linear solenoid
					Design type
	05				Combination solenoid[1]
	15				Combination solenoid with spring return[1]
					Coil terminals
		F			Flying leads (10 cm standard length)
			24		Nominal voltage (standard voltage)[2]
				100 % ED	Perm. duty cycle under air cooled conditions (LK)

1) Pull and thrust type
2) Other DC voltages are available on request.







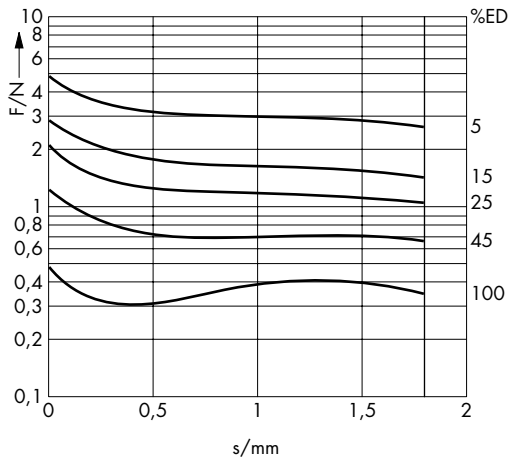
Weight:
Complete solenoid: appr. 12.5 g
Armature: appr. 2 g
Standard:
Voltage: 24 V DC
Flying leads: 10 cm
Insulation class: E (max. permissible temperature = 120 °C)

Service-free armature bearing (DU bearing) for maximum durability

Dimensions given with armature in fully home position
———>
Direction of stroke

	100	45	25	15	5	%	Perm. duty cycle (ED)[3]
	1,8	3,7	6,8	10,5	26,3	W	Nominal coil power P_n
	7				3	ms	Actuation time (ED)

3) If solenoid is mounted directly onto a flat metal surface of at least 100 cm², the duty cycle can be extended up to 1.3 x nominal rating



Force vs. Stroke diagram F = f (s)

— — — spring force 0.06 N/0.12 N

Force measured when operating in horizontal position, at 90 % rated voltage and with winding at operating temperature without return spring

stroke s = 0 corresponds to armature in fully home position

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