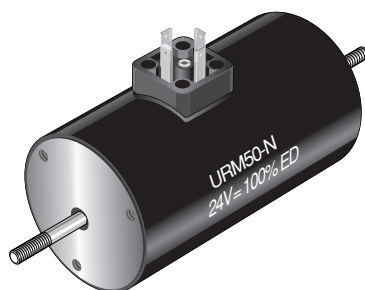


URM50 Series Bi-directional Linear Solenoid

URM	50	- N -	24 V DC	100 % ED	Order specifications
URM					Linear solenoid
	50				Design type
					Coil terminals
		F			Flying leads (10 cm standard length)
		N			Plug-in socket connection ¹⁾
			24		Nominal voltage (standard voltage) ²⁾
				100 % ED	Perm. duty cycle under air cooled conditions (LK)

¹⁾ For socket 6.3 DIN 46247

²⁾ Other voltages are available on request up to 230 V DC



Weight:

Complete

solenoid: appr. 1200 g

Armature: appr. 180 g

Standard:

Voltage: 24 V DC

Flying leads: 10 cm

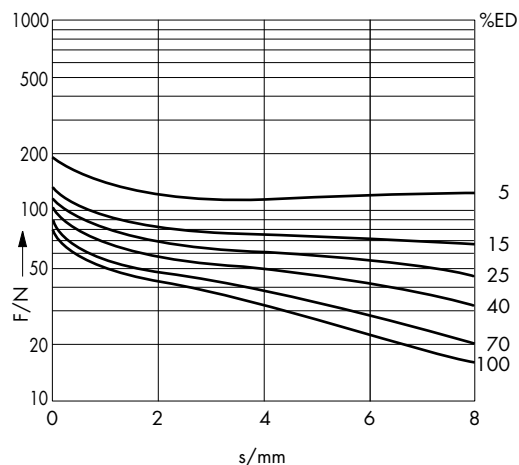
Insulation class: B (max. permissible temperature = 130 °C)

Long life expectancy through plastic bobbin armature bearing.

Plug Z803 available as accessory.

	100	70	40	25	15	5	% Perm. duty cycle (ED) ³⁾
	15	24	38	56	89	280	W Nominal coil power P _n

³⁾ If solenoid is mounted directly onto a flat metal surface, an increase in relative duty cycle is permissible (please ask for advice)



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

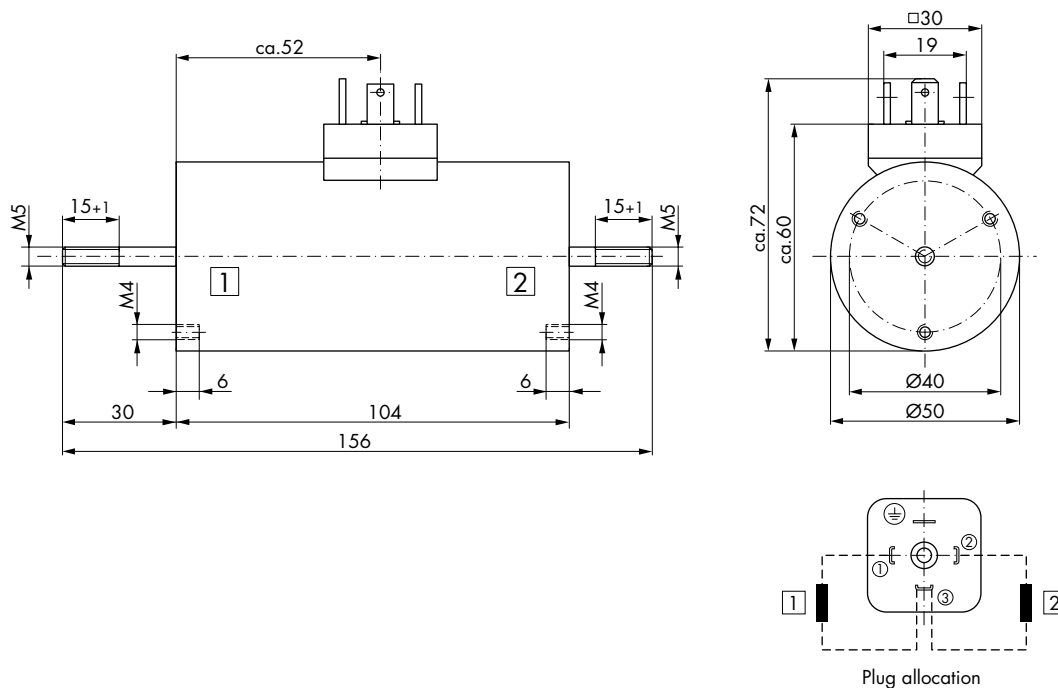
Force measured when operating in horizontal position, at 90 % rated voltage and with winding at operating temperature

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

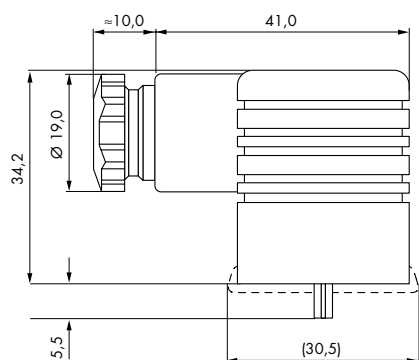
Impulse Automation Limited
United Kingdom
Company Registration 665193

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URM50 Series Bi-directional Linear Solenoid



Dimensions given when
system 1 current-carrying
↔
Direction of stroke



Plug-in socket Z803
Screw joint PG 9
for lead diameter 4.5 - 7 mm



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