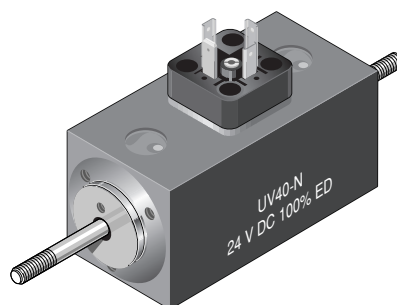


UV40 Series Bi-directional Linear Solenoid

UV	40	- N -	24 V DC	100 % ED	Order specifications
UV					Linear solenoid
	40				Design type
					Coil terminals
		F			Flying leads (10 cm standard length)
		N			Plug ¹⁾
			24		Nominal voltage (standard voltage) ²⁾
				100 % ED	Perm. duty cycle under air cooled conditions (LK)

¹⁾ Suits plug-in socket 6.3 DIN 46247

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



Weight:

Complete

solenoid: appr. 785 g

Armature: appr. 100 g

Standard:

Voltage: 24 V DC

Flying leads: 10 cm

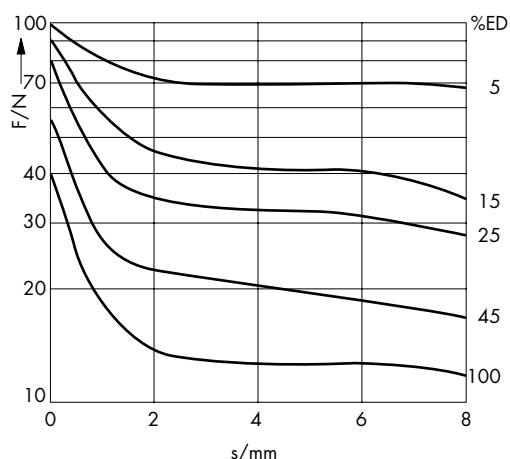
Insulation class: F (max. permissible temperature = 155 °C)

Terminal box: 6.3 DIN 46247

Plug Z803 available as accessory.

	100	45	25	15	5	% Perm. duty cycle (ED) ³⁾
	21	41	81	125	317	W Nominal coil power P _n

³⁾ If solenoid is mounted directly onto a flat metal surface of at least 600 cm², the duty cycle can be extended up to 1.3 x nominal rating



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

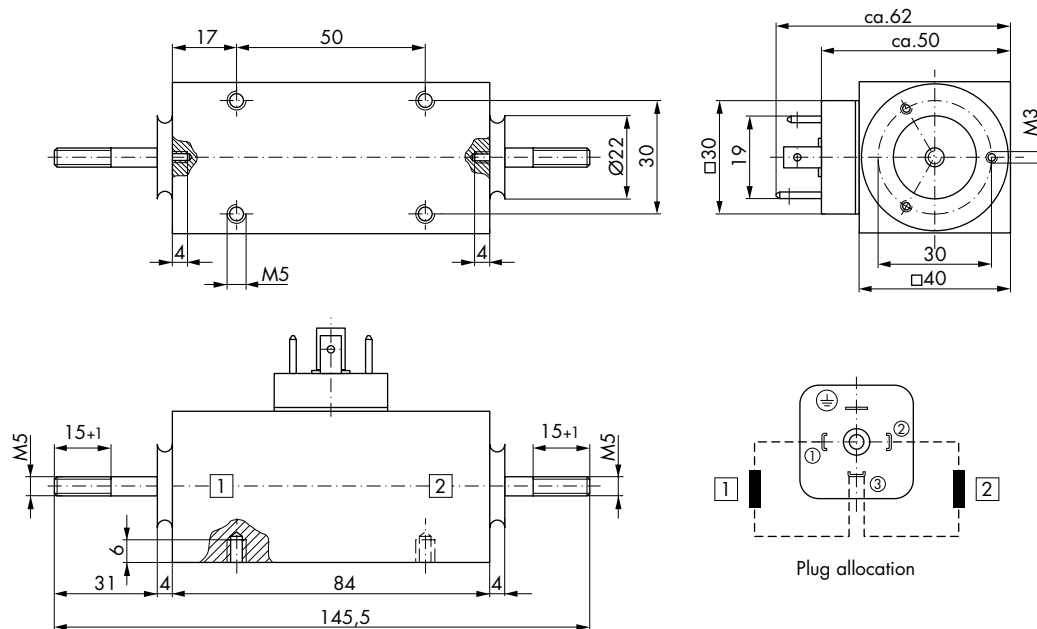
Force measured when operating in horizontal position, at 90 % rated voltage and with winding at operating temperature

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

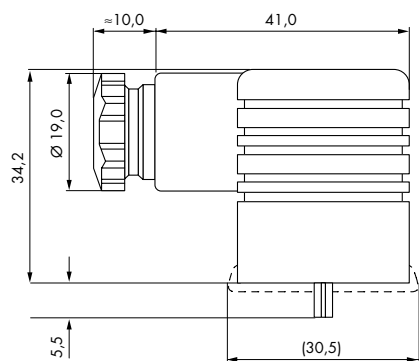
Impulse Automation Limited
United Kingdom
Company Registration 665193

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UV40 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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