

PHOTO



Example: DMA-12-20-B-305-POT-IP65

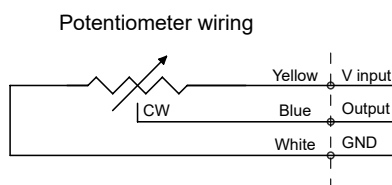
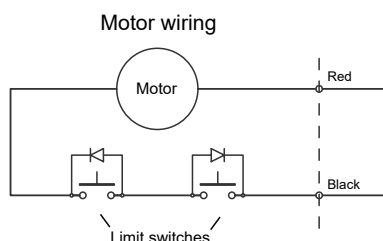
OPTIONS MOUNTING BRACKET



● C = customizations are offered on demand even for smaller quantities. Typical customizations are indicated with a green dot at column end. Please contact us for any customization request.

ACTUATOR FEATURES			C
Type		Electric linear actuator	
Motor type		Brush PM DC motor	
Cable type		Flying wire (3+2 wires)	●
Cable length	mm	250	●
Voltage	V	12 24	●
Screw type		Ball screw	
Noise level	dB(A)	≤ 70	
Life time		4 million mm total stroke	
Limit switches		No	
Overload protection		By clutch	
Direction movement		By reversing voltage polarity	
Stroke tolerance	mm	± 2.5	
Duty cycle	%	25	
Max. duty operational time	s	120 nominal dynamic load	
IP rating		IP65	
Insulation class		F	
Max. motor winding temp.	°C	155	
EMC		EN55014 IEC61000	
Gear box		Metal spur gears	
Gear box material		Aluminum alloy	
Rod and house material		Steel 12L14 STKM11A	
Feedback		Potentiometer	
Operating and storage temperature	°C	-26 to 65	●
Manufacturing quality standards		ISO 9001:2008	
General actuator tolerance	%	± 15	

WIRING DIAGRAMS

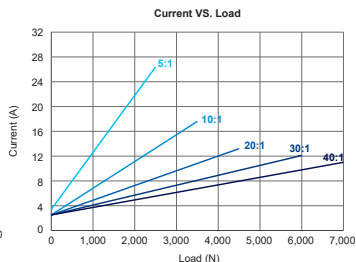
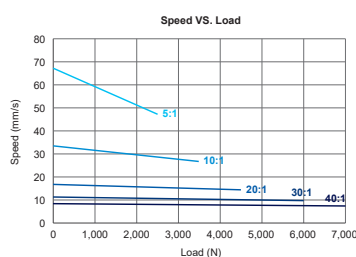


	Red	Black
Extend	+	-
Retract	-	+

POTENTIOMETER DATA

Potentiometer type		Wire wound
Resistance	kΩ	0.3 - 9.7
Resolution	%	0.025
Resistance tolerance	%	± 5
Linearity	%	± 0.25

MOTOR GRAPHS 12 V



MOTOR GRAPHS 24 V

