



5-year warranty



## Technical data

<b>Electrical data</b>	Nominal voltage	AC/DC 24 V	
	Nominal voltage frequency	50/60 Hz	
	Power consumption in operation	3.5 W	
	Power consumption in rest position	2.5 W	
	Power consumption for wire sizing	6 VA	
	Transformer sizing	6 VA (class 2 power source)	
	Electrical Connection	18 GA appliance cable, 3 ft [1 m], with 1/2" conduit connector	
	Overload Protection	electronic throughout 0...95° rotation	
<b>Functional data</b>	Operating range Y	2...10 V	
	Operating range Y note	4...20 mA w/ ZG-R01 (500 Ω, 1/4 W resistor)	
	Position feedback U	2...10 V	
	Position feedback U note	Max. 0.5 mA	
	Direction of motion motor	selectable with switch 0/1	
	Direction of motion fail-safe	reversible with cw/ccw mounting	
	Manual override	5 mm hex crank (3/16" Allen), supplied	
	Angle of rotation	95°	
	Running Time (Motor)	95 s / 90°	
	Running time fail-safe	<20 s @ -4...122°F [-20...50°C], <60 s @ -22°F [-30°C]	
	Noise level, motor	50 dB(A)	
	Noise level, fail-safe	62 dB(A)	
	Position indication	Mechanical	
	<b>Safety data</b>	Degree of protection IEC/EN	IP54
Degree of protection NEMA/UL		NEMA 2	
Enclosure		UL Enclosure Type 2	
Agency Listing		cULus acc. to UL60730-1A/-2-14, CAN/CSA E60730-1:02, CE acc. to 2014/30/EU and 2014/35/EU; Listed to UL 2043 - suitable for use in air plenums per Section 300.22(c) of the NEC and Section 602.2 of the IMC	
Quality Standard		ISO 9001	
Ambient temperature		-22...122°F [-30...50°C]	
Storage temperature		-40...176°F [-40...80°C]	
Ambient humidity		Max. 95% RH, non-condensing	
Servicing		maintenance-free	
<b>Materials</b>		Housing material	Galvanized steel and plastic housing
<b>Footnotes</b>	†Rated Impulse Voltage 800V, Type of Action 1.AA.B, Control Pollution Degree 3.		

