Product Data Sheet

24Vdc / 230Vac Motorised Valves

Generator Installations spring return Motorised Valves offer a simple, failsafe flow control solution to diesel fuel systems. The robust, compact valve actuator and precision engineered, stainless steel valve mounting kit is designed to offer reliable, maintenance free service.

The versatile actuator enables control valves to be setup in either normally closed or normally open configurations and the addition of 2 integrated auxiliary switches allows the actuator to be connected to the BMS, for complete control of a fuel system, including pumping operations and emergency shut offs in case of power failure, fire or other building emergencies.



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Technical Specification

ELECTRICAL DATA	Nominal voltage	AC/DC 24V
	Nominal voltage frequency	50/60 Hz
	Nominal voltage range	AC 19.2…28.8V / DC21.6…28.8V
	Power consumption in operation	5W
	Power consumption in rest	2.5W
	Power consumption for wire sizing	7VA
	Auxiliary Switch	2x SPDT, 1 x 10° x 1x 85°
	Switching Capacity auxiliary switch	1 mA…3 (0.5 inductive) A, AC 250V
	Connection supply / control	Cable 1 m, 2 x 0.75mm^2
	Connection auxiliary switch	Cable 1 m, 6 x 0.75mm^2
FUNCTIONAL DATA	Torque motor	Min. 4Nm
	Torque spring return	Min. 4Nm
	Direction of rotation spring return	Deenergised NC, Valve Closed (A –AB = 0%)
	Manual override	With hand crank, can be fixed in any position
	Angle of rotation	95°
	Running time motor	75 s / 90°
	Running time emergency position	<20 s / 90°
	Sound power lever motor	50 dB(A)
	Position indication	Mechanical
	Service life	Min. 60,000 emergency positions
SAFTEY	Protection class IEC/EN	III Safety extra-low Voltage
	Protection class auxiliary switch IEC/EN	II Protective Insulated
	Degree of protection IEC/EN	IP54
	EMC	CE according to 2014/30/EU
	Low voltage directive	CE according to 2014/35/EU
	Certification IEC/EN	IEC/EN 60730-1 and IEC/EN 60730-2-14
	Mode of operation	Type 1
	Rated impulse voltage supply / control	0.8 kV
	Rated impulse voltage auxiliary switch	2.5 kV
	Control pollution degree	3
	Ambient temperature	-30…50°C
	Non-operating temperature	-40…80°C
	Ambient humidity	95% r.h., non condensing
	Maintenance	Maintenance free
WEIGHT	Weight	1.5kg

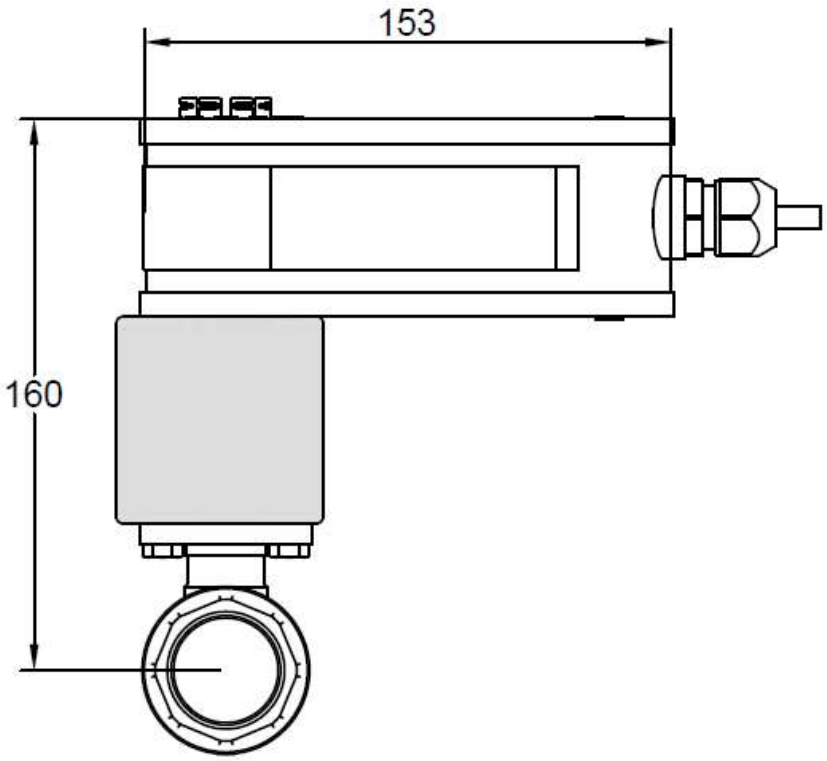
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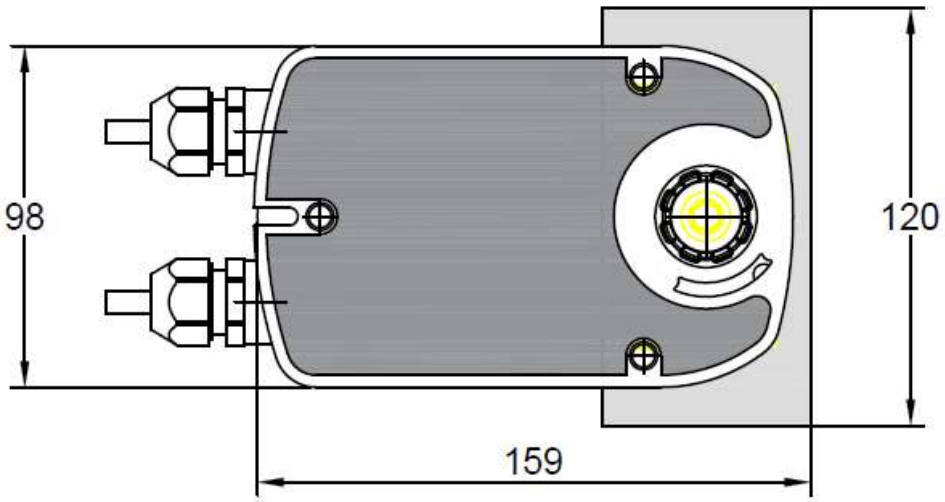
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Dimensions





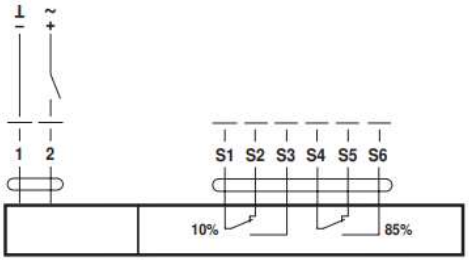
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Aux Contacts Wiring Diagram

AC/DC 24 V, open-close



Cable colours:
1 = black
2 = red
S1 = violet
S2 = red
S3 = white
S4 = orange
S5 = pink
S6 = grey

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