

Direct operated 2/2 way solenoid valve for liquid fuel

SUNTEC drew on all of its know-how on pumps with integrated solenoid valves to develop and market a range of independent in-line solenoid valves. The SL1 is an automatic solenoid valve with direct cut-off that meets the requirements of the ISO 23553-1 standard. They are specially designed to fit burners and installations up to 1000 kW using fuel oil, biofuel or kerosene. The SL1 direct operated solenoid valves operate without differential pressure.



TECHNICAL CHARACTERISTICS

	SL1V						
	2406	2407	2802	2803	2806	2807	2808
Solenoid type	NC	NC	NC	NC	NC	NC	NC
Connectors	DN 8 - G 1/4	DN 8 - G 1/4	DN 6 - G 1/8	DN 6 - G 1/8	DN 6 - G 1/8	DN 6 - G 1/8	DN 6 - G 1/8
Passage opening	Ø 1,8 mm	Ø 1,8 mm	Ø 1,8 mm	Ø 1,8 mm	Ø 1,8 mm	Ø 1,8 mm	Ø 1,8 mm
Loss of load	< 1 bar for a flow rate of 60 l/h at 20 °C / 5 cSt						
Voltage	110 - 120V AC	220 - 240V AC	24V AC	24V DC	110 - 120V AC	220 - 240V AC	12V DC
Pressure range	0 - 25 bars	0 - 25 bars	0 - 25 bars	0 - 15 bars	0 - 25 bars	0 - 25 bars	0 - 15 bars
Oil type	Domestic oil, HVO, B30 (biofuel blend with the addition of 30% FAME, as defined in DIN SPEC 51603-6), kerosene.						
Viscosity	1,25 - 12 cSt						
Fluid temperature	60° C						
Ambiant temperature	-10 à +60°C	-10 à +80°C	-10 à +60°C	-10 à +60°C	-10 à +60°C	-10 à +80°C	-10 à +60°C
Sealing gasket	FKM	FKM	FKM	FKM	FKM	FKM	FKM
Body material	Brass						
Coil color	Grey	Black	Green	Orange	Grey	Black	Green
Consumption	9W	9W	9W	8W	9W	9W	9W
Standards and Directives Compliance	- ISO 23 553-1 (Certified by DIN CERTCO) - Pressure Equipment Directive 2014/68/EU (Category IV according to Annex II)						
Protection class	IP54 with a Suntec connector according to EN 60529						

INSTALLATION

All permissible mounting positions, except for downward pointing solenoid tube.

DIMENSIONS

