



Solenoid Saver

724-10-000

**NEW
PRODUCT**

Patent Pending



Indication LEDs

Toggle Button

ISO Din connector

Solenoid Saver

The Powerflow Electronics Solenoid Saver uses PWM (pulse width modulation) to control the current consumed by a solenoid valve, this has the effect of not only saving energy but reducing heat from the coil and increasing the longevity of the Solenoid.

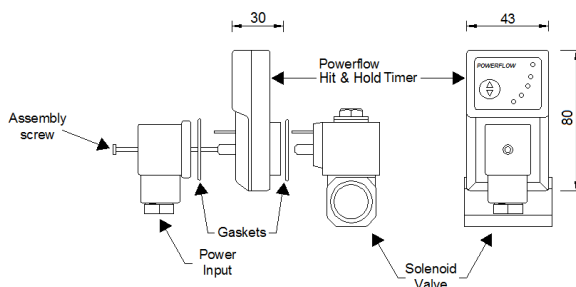
The user can choose to modulate the current to Solenoid between 10% and 80% of the input via the user friendly front interface

When power is first applied, the Solenoid Saver applies full input voltage to the Solenoid, after a preset amount of time the voltage is then modulated to reduce the current applied to the valve. The solenoid saver offers 5 levels of modulation to suit different applications.

Features & Benefits

- ◆ Reduce consumed wattage by up to 80%
- ◆ User friendly control interface
- ◆ Increase Solenoid uptime
- ◆ Reduce heat
- ◆ Compatible with any suitable DIN form A solenoid
- ◆ IP69 enclosure
- ◆ 24 month warrantee
- ◆ OEM customisation available

Technical Specification



Specification			
Supply Voltage	11.5–32 VDC	IP Rating	IP65
Output Current @ 25°C T _A		Short Circuit Protection	Coil Failure Protection
Continuous Current	2.5 A max	Operating Temperature	-40 to 85 °C
Peak Pulsed (16 ms)	4.7 A max	Certifications	FCC Part 18, UL-529
I min (±20%)	50 –150 mA	Indicators	LED's to indicate modulation percentage
I max (±20%)	I min + 1.0 A max	Input	DIN 46350-A / ISO 4400
Quiescent Supply Current	<50 mA (No Load)	Output	DIN 46350-A / ISO 4400
Peak Max Power	160 W (32 VDC Input)		
Avg. Max Power	26.6 W (10% Input tol.)		
Reverse Polarity Protection	Reverse Polarity Protection (Non Operational)	Optional Extras	Screws / Connectors / Power Cords / Gaskets



Every effort has been taken to ensure the accuracy of this specification. However in order to maintain our technological lead we are continuously improving our products which could, without notice result in amendments or omissions to this specification. We cannot accept responsibility for damage, injury, loss or expenses resulting therein.