

Super Simplex M

Pumps mechanical regulator

Electro-mechanical regulator for the extremely simple creation of pressurization units.

SuperSimplex M provides correct functionalities **for an easy price**

- A single product for the automation of pumps with head of between 1,5 and 8 bar.
- It monitors the pressure, flow and temperature of water.
- It stops the pump in the event of excessive water temperature (55°C), protecting it against high temperature.
- High water temperature protection (55°C) and automatic restart (45°C).

Advantages

- Easy and fast connection
- Pump protection water temperature
- Adjustable restart pressure
- Quiet operation
- Manometer equipped
- Check valved equipped.

Operation

Once electrically connected for the first time SuperSimplex turns on the pump until the hydraulic system reaches the maximum pressure, then stops it.

On turning on any tap in the hydraulic system SuperSimplex detects the lowering pressure and, when this reaches the restart pressure, it immediately starts the pump.

To adjust the pump restart pressure, according to your need, turn the knob that is on the front part of SuperSimplex: tighten it to increase the restart pressure, loosen the knob to lower it.

Technical features

- Water pressurization pump control device
- Patented for electro-mechanical operation
- Immediate water supply
- Delayed pump switch-off



Type	SSM
Code	VSPXM00G00
Equipped with pressure gauge thermal protection (55°C)	
Mounting position	Any (Horizontal/Vertical)
Input Output	1" male/1" female
Pump power supply	250 V ~ 50÷60 Hz
Micro-switch electrical features	20(8)A - 250V ~
Max. pump power	2Hp a 250V~/1HP a 130V ~
Min. pump pressure	1,5 Bar
Maximum overpressure	12 Bar
Service	Continuous
Operating temperature	0÷50 °C
Protection grade	IP 54
Working pressure (s)	1,5÷8,0 Bar
Restart pressure (r)	0,4÷2,2 Bar
Minimum differential pressure (s-r)	1,5 Bar
Max flow	120 lt./min.
Body/Cover material	Glass filled PP/ABS
Dimensions mm h/w/dk/Weight	230/190/145/900 g.

In case the pump switches on/off repeatedly, due to the system leakages, it will be necessary to install, after SuperSimplex, a pressure tank of 2-8 litres capacity.