

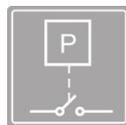
Switchmatic

Switchmatic 2

complet pump protection

Electronic pressure switch. Patented Model.

This unit SWITCHMATIC is an electronic pressure switch with an integrated digital pressure gauge. It can manage the start and stop of single-phase electric pumps up to 3 HP (2,2 Kw). Cut-in and cut-out pressure implementation can be set easily and accurately through user friendly control panel. Wiring is carried out identically to a conventional electromechanical switch. It can operate as a differential pressure switch, as an inverted pressure switch, or just with max. or minimum pressures. SWITCHMATIC 2 includes also instantaneous current lecture, this patented version controls and manages the overcurrent, the dry-running protection of the pump and fast cycling protection.



SWITHCMATIC
SWITCHMATIC 2

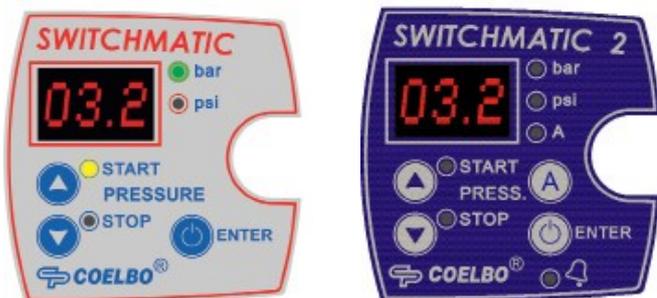


OPERATING CHARACTERISTICS

- ART function (Automatic Reset Test). If the device has been stopped due the action of the system against dry operation, the ART tries to connect the pump, with a programmed periodicity because the water supply could have been restored (only type SWITCHMATIC 2).
- Sleep mode with low power consumption.
- Inner pressure transmitter.
- Integrated pressure gauge with bar and psi instantaneous display.
- User friendly control panel with 3-digits display, led-lights and pushbuttons.
- EMC certified and Electrical Safety certified.
- Dry-running protection (only type SWITCHMATIC 2).
- Overcurrent protection (only type SWITCHMATIC 2).
- Rapid-cycle alarm: when the hydropneumatic tank has lost the air and frequent start-stops are produced an alarm is activated (only type SWITCHMATIC 2).
- Manual start.
- RoHs and WEEE compliant.
- Four operation modes:
 - Differential.
 - Inversed differential.
 - Maximum pressure.
 - Minimum pressure.



CONTROL PANEL



- 3 digits display:
 - Operating mode: Instantaneous pressure.
 - Set mode: Cut in and cut out pressure.
- Bar-psi led lights (green):
 - Operating mode: Bright bar or psi.
 - Pump on: Flashing bar or psi.
- Star-Stop Led (yellow):
 - Bright: displayed Pressure start or Pressure stop.
 - Flashing: Setting Pstart or Pstop.
- Push Buttons ▲▼: Increase or decrease configuration parameters.
- ENTER push-button:
 - Manual start and stop.
 - Confirm configuration value.

Only for SWITCHMATIC 2

- A led light (green):
 - Bright: Displayed instantaneous current consumption of the pump.
 - Flashing: Setting maximum current of the pump.
- Alarm red light 🔔 : dry-run, over current, fast cycling
- A push-button: Set and display current intensity.

TECHNICAL CHARACTERISTICS

	SWITCHMATIC SWITCHMATIC 2
Power supply voltage	~1 x 115-230 Vac
Frequency	50/60 Hz
Max. current	30(16) A
Maximum pump power	2,2 kW (3 HP)
Starting pressure range (cut-in)	0,5 ÷ 7 bar
Stop pressure range (cut-out)	1 ÷ 8 bar
Maximum differential	7,5 bar
Minimum differential (adjustable)	0,5 ÷ 1,5 bar
Factory setting (cut-in/cut-out)	3 / 4 bar
Protection degree	IP55
Max. water temperature	50 °C
Max. environment temperature	60 °C
Net weight (without cables)	0,28 kg
Inlet thread	G 1/4" H

DIMENSIONS

