



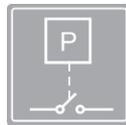
Switchmatic 2

Complete pump protection

Patented Electronic pressure switch.

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 can be set easily and accurately through the user friendly control panel. Wiring is carried out identically to a conventional electromechanical switch.

SWITCHMATIC can operate as a differential pressure switch, as an inverted pressure switch, or just with max. or minimum pressures. SWITCHMATIC includes overcurrent, dry-running and fast cycling protection of the pump.



SWITCHMATIC 2



OPERATING CHARACTERISTICS

- ART function (Automatic Reset Test). If the device has been stopped due the action of the safety system against dry operation, the ART tries to re-start the pump periodically until the water supply is restored.
- Sleep mode with low power consumption.
- Internal pressure transmitter.
- Integrated pressure gauge with bar or psi display.
- User friendly control panel with 3-digits display, led-lights and pushbuttons.
- EMC certified and Electrical Safety certified.
- Dry-running protection
- Overcurrent protection
- Rapid-cycle protection: In case of expansion tank failure.
- Manual start/stop option .
- RoHs and WEEE compliant
- . - Four operation modes:
 - Differential.
 - Inversed differential.
 - Maximum pressure.
 - Minimum pressure.

CONTROL PANEL

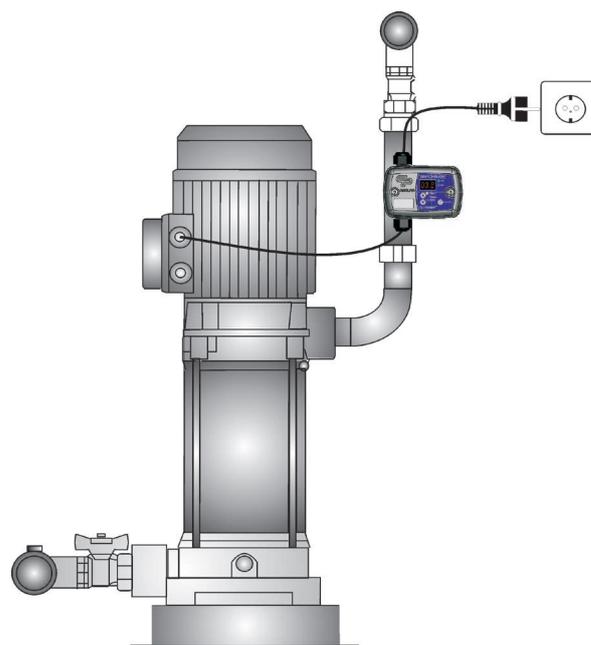
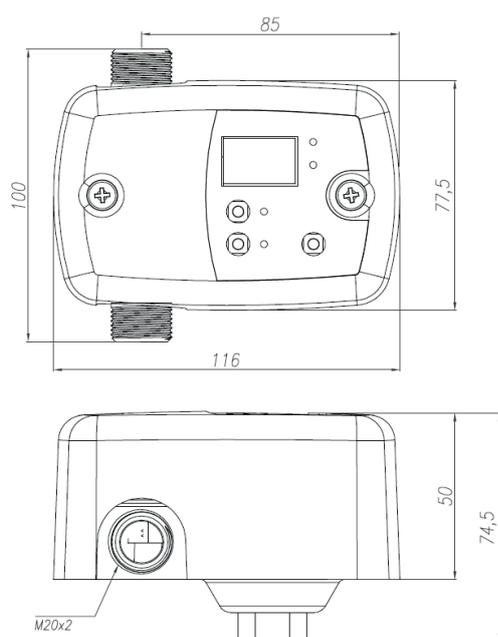


- 3 digit display:
 - Operating mode: Instantaneous pressure.
 - Set mode: Cut in and cut out pressure.
- Bar-psi led lights (green):
 - Operating mode: Bright bar or psi.
 - Pump on: Flashing bar or psi.
- Star-Stop Led (yellow):
 - Bright: displayed Pressure start or Pressure stop.
 - Flashing: Setting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



WHISPER PUMPS LTD

Leen Court, Boughton, Newark, Nottinghamshire, NG22 9ZD

Registered in England No 4548322