WATER HOUSE®
Pumps & Garden

PRESSURE SWITCH

PS-02C

ADJUSTABLE 1.4-5.6 BAR

Automatic pump pressure control

For compatible booster and pressure vessel systems

INSTRUCTION MANUAL

Read carefully before installation and keep for future reference.

WELCOME

Introduction & product data

Thank you for choosing the Waterhouse PS-02C Pressure Switch. This adjustable switch automatically controls a compatible water pump according to the pressure in the water supply system.

Applications

Domestic water pressure boosting, automatic pump start/stop control and suitable systems using a pressure vessel. Correct selection depends on the pump and vessel specifications.

Technical specifications

Model	PS-02C
Adjustable pressure range	1.4 - 5.6 bar
Electrical contacts	Normally closed
Maximum ambient temperature	50 °C
Contact material	Ag-Ni
Construction	Brass alloy
Intended application	Pump and pressure vessel control

IMPORTANT - RATINGS NOT VERIFIED

The product listing does not specify supply voltage, current rating, terminal arrangement or connection thread size. Verify these on the actual switch and manufacturer documentation before installation.

SAFETY & SET-UP

Installation considerations

DANGER - ELECTRICAL SHOCK

Isolate the power supply and verify it is disconnected before opening the switch enclosure, adjusting contacts or working on the pump wiring. Use a qualified electrician for electrical connections.

Before installation

- Confirm the switch is suitable for the pump, pressure vessel and electrical supply.
- Check that the system pressure will remain within the ratings of every component.
- Install the switch in a suitable location protected from unintended water ingress.
- Ensure the pump system has the necessary electrical and hydraulic protection.

How the pressure switch operates

The switch monitors system pressure. As water is used and pressure drops to the configured start point, it can activate the pump. When pressure rises to the stop point, it can switch the pump off. A suitable pressure vessel helps reduce frequent pump cycling.

Pressure setting

The listed adjustment range is 1.4 to 5.6 bar. Select start and stop pressures to suit the pump, pressure vessel and water system. The manufacturer's adjustment procedure and differential setting are not provided in the product listing.

DO NOT GUESS THE WIRING

Terminal labels, wiring diagram, electrical ratings and the exact adjustment procedure must be confirmed from the original manufacturer instructions or the markings on the unit.

CARE & QUICK FIXES

Troubleshooting & maintenance

Pump does not start

Check the power supply and system pressure. Have a qualified person check switch compatibility, settings and connections.

Pump does not stop

Check for incorrect pressure settings, leaks or a pump unable to reach the stop pressure. Disconnect power if operation is abnormal.

Frequent starting and stopping

Check for leaks, incorrect pressure vessel pre-charge or unsuitable pressure settings. Follow the vessel manufacturer's guidance.

Switch appears damaged

Isolate power. Do not use a cracked, corroded or damaged switch; have it inspected or replaced by a qualified person.

Inspection & cleaning

Periodically inspect the housing and external connections for damage, corrosion or leaks. Isolate electrical power and release system pressure before servicing. Do not dismantle or clean live electrical contacts.

> **SERVICE AND SUPPORT**
>
> If a fault persists, contact Waterhouse. Do not attempt to modify the switch or bypass its protective functions.

Waterhouse South Africa

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