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› JOHNSON PUMP - SPX FLOW Pressure Switch 5.0 BAR (73 PSI) User Manual

Johnson Pump 09-46781-02

JOHNSON PUMP - SPX FLOW Pressure Switch 5.0 BAR (73 PSI)

Model: 09-46781-02

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your JOHNSON PUMP - SPX FLOW Pressure Switch 5.0 BAR (73 PSI). Please read these instructions carefully before attempting to install or operate the device to ensure safe and efficient performance. This pressure switch is designed for reliable performance in its intended applications.

2. WHAT'S IN THE BOX

Upon unpacking, please verify that all components listed below are present and undamaged:

- 1 x PRESSURE SWITCH 5.0 BAR (73 PSI) unit
- Associated wiring
- Mounting hardware (clips, screws)



The image displays the complete product kit, including the pressure switch unit, red electrical wiring, and two red mounting clips with screws, all contained within a clear plastic bag. The top of the bag features a header card with 'SPXFLOW > Johnson Pump' branding and a blue wave graphic.

3. SPECIFICATIONS

Manufacturer	SPX FLOW US, LLC
Brand	Johnson Pump
Model	PRESSURE SWITCH 5.0 BAR (73 PSI)

Item Model Number	09-46781-02
Manufacturer Part Number	09-46781-02
Item Weight	1 pounds
Product Dimensions	6 x 3 x 6 inches
Batteries Required	1 Unknown batteries required (for internal function, not user replaceable)
Pressure Rating	5.0 BAR (73 PSI)

4. SAFETY INFORMATION

Warning: Product may contain materials cautioned by California Proposition 65.

Always observe general safety precautions when working with electrical and pressurized systems. Ensure power is disconnected before installation or maintenance. Consult a qualified professional if you are unsure about any installation steps.

5. SETUP AND INSTALLATION

Proper installation is crucial for the correct function and longevity of the pressure switch. Follow these general guidelines:

- Preparation:** Ensure the system where the switch will be installed is depressurized and power is disconnected. Gather all necessary tools and materials.
- Mounting:** Select a suitable location for the pressure switch, ensuring it is secure, easily accessible for inspection, and protected from excessive vibration or physical damage. Use the provided mounting clips and screws to firmly attach the switch.
- Pressure Connection:** Connect the pressure sensing port of the switch to the system's pressure line. Ensure a leak-free connection using appropriate sealants or fittings as required by your system.
- Electrical Wiring:** Refer to the wiring diagram (if provided with the product or system documentation) for correct electrical connections. Connect the switch's wires to the control circuit. Ensure all electrical connections are secure and insulated to prevent short circuits or electrical hazards.
- Testing:** Once installed, slowly repressurize the system and restore power. Monitor the system to ensure the pressure switch operates as expected, activating or deactivating at the specified pressure setting (5.0 BAR / 73 PSI). Check for any leaks or abnormal operation.

6. OPERATING INSTRUCTIONS

The JOHNSON PUMP - SPX FLOW Pressure Switch is designed for automatic operation based on system pressure. It functions by opening or closing an electrical circuit when the system pressure reaches a predetermined set point (5.0 BAR / 73 PSI).

- Automatic Control:** The switch will automatically engage or disengage connected equipment (e.g., pumps, alarms) when the pressure threshold is met.
- Monitoring:** Regularly monitor your system's pressure to ensure the switch is functioning within its intended parameters.
- No User Adjustment:** This model is typically factory-set to 5.0 BAR (73 PSI) and does not usually feature user-adjustable settings. Do not attempt to alter the factory settings.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and reliability of your pressure switch:

- **Periodic Inspection:** Visually inspect the switch and its connections periodically for any signs of wear, corrosion, or damage. Check for loose wiring or fittings.
- **Cleaning:** Keep the exterior of the switch clean and free from dirt, dust, and debris. Do not use harsh chemicals that could damage the housing.
- **Connection Integrity:** Ensure all pressure and electrical connections remain tight and leak-free.
- **Functional Check:** Periodically verify that the switch activates and deactivates correctly at the specified pressure.
- **Environmental Protection:** Ensure the switch is protected from extreme temperatures, moisture, and corrosive environments beyond its specified operating conditions.

8. TROUBLESHOOTING

If you encounter issues with your pressure switch, consider the following common troubleshooting steps:

- **Switch Not Activating/Deactivating:**
 - Check if the system pressure is reaching the 5.0 BAR (73 PSI) set point.
 - Verify all electrical connections are secure and receiving power.
 - Inspect for any blockages in the pressure sensing line.
 - Ensure the switch itself is not physically damaged.
- **Intermittent Operation:**
 - Check for loose electrical connections or intermittent power supply.
 - Look for pressure fluctuations in the system that might be near the set point.
- **Leaks at Pressure Connection:**
 - Depressurize the system and re-tighten the pressure fitting.
 - Apply appropriate thread sealant if necessary.

If problems persist after performing these checks, it may indicate a faulty switch or a more complex system issue. Contact qualified service personnel for further assistance.

9. WARRANTY AND SUPPORT

For specific warranty information regarding your JOHNSON PUMP - SPX FLOW Pressure Switch, please refer to the documentation provided at the time of purchase or contact the manufacturer directly. Warranty terms typically cover defects in materials and workmanship under normal use.

For technical support or inquiries, please reach out to your authorized Johnson Pump dealer or the manufacturer's customer service department. When contacting support, please have your product model number (09-46781-02) and purchase details readily available.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question