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› HEXEH HNS-203 Auto Reset Pressure Switch Instruction Manual

HEXEH HNS-203

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Model: HNS-203

1. INTRODUCTION

This manual provides essential information for the safe and effective use of the HEXEH HNS-203 Auto Reset Pressure Switch. Please read these instructions carefully before installation and operation to ensure proper function and to prevent damage or injury.

2. SAFETY INFORMATION

- Always disconnect power before installing, servicing, or performing maintenance on the pressure switch.
- Ensure all electrical connections comply with local codes and regulations.
- Installation and service should only be performed by qualified personnel.
- Do not exceed the specified pressure or electrical ratings of the device.
- Protect the device from extreme temperatures, moisture, and corrosive environments unless specifically rated for such conditions.

3. PRODUCT OVERVIEW

The HEXEH HNS-203 is an auto-reset pressure switch designed to monitor and control pressure differences within a system, ensuring safe and efficient equipment operation. It is widely used in various industrial applications, including petrochemical, electric power, and water supply systems.



Figure 3.1: Front view of the HEXEH HNS-203 Auto Reset Pressure Switch, showing the auto-reset button and pressure range indicator.

The auto-reset feature allows the switch to automatically return to its normal operating state once the pressure conditions return to within the set parameters, minimizing manual intervention.

4. SPECIFICATIONS

Feature	Detail
Model	HNS-203
Manufacturer	HEXEH
Item Weight	10.6 ounces (approx. 300 grams)
Package Dimensions	1.18 x 0.79 x 0.39 inches (approx. 3 x 2 x 1 cm)
Assembly Required	No
Number of Pieces	1

5. INSTALLATION

The HEXEH HNS-203 pressure switch is designed for straightforward installation. Follow these steps for proper setup:

- Preparation:** Ensure the system where the pressure switch will be installed is depressurized and power is disconnected.
- Mounting:** Securely mount the pressure switch in the desired location. The design allows for quick modification of connections to suit various industrial needs.
- Pressure Connection:** Connect the pressure port of the HNS-203 to the system's pressure line. Ensure a tight, leak-free connection using appropriate fittings and sealants if necessary.
- Electrical Wiring:** Connect the electrical terminals according to the wiring diagram provided with your specific model (refer to product labeling for details). Ensure correct polarity and secure all connections.
- Verification:** After installation, double-check all connections (pressure and electrical) for security and correctness.



Figure 5.1: Example of internal wiring connections for a HEXEH pressure switch (HNS-210 model shown for illustrative purposes of internal components).

6. OPERATION

Once installed and wired, the HEXEH HNS-203 operates automatically based on the set pressure parameters. The "AUTO RESET" function ensures the switch returns to its normal state without manual intervention when pressure conditions normalize.

- **Power On:** Restore power to the system. The pressure switch will begin monitoring the system pressure.
- **Pressure Monitoring:** The switch continuously monitors the pressure. If the pressure exceeds or falls below the pre-set thresholds, the switch will actuate, triggering connected equipment (e.g., pumps, alarms).
- **Auto Reset:** When the pressure returns to within the acceptable operating range, the HNS-203 will automatically reset, restoring the circuit to its normal state.
- **Adjusting Set Points:** *(If applicable, refer to specific model documentation for adjustment procedures)* Some models may allow for adjustment of pressure set points. Consult the device's label or specific technical data for instructions on how to safely adjust these settings.

7. MAINTENANCE

The HEXEH HNS-203 pressure switch is designed for reliable operation with minimal maintenance. However, periodic checks are recommended to ensure optimal performance and longevity.

- **Visual Inspection:** Regularly inspect the pressure switch for any signs of physical damage, corrosion, or loose connections.

- **Connection Integrity:** Verify that all pressure and electrical connections remain tight and secure.
- **Cleanliness:** Keep the exterior of the switch clean and free from dust, dirt, and debris. Avoid using harsh chemicals for cleaning.
- **Functional Test:** Periodically test the switch's operation by simulating pressure conditions that would trigger its actuation and auto-reset function.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with the HEXEH HNS-203 pressure switch. For problems not listed here, please contact technical support.

Problem	Possible Cause	Solution
Switch does not actuate at expected pressure.	Incorrect pressure setting; clogged pressure port; faulty wiring; internal component failure.	Verify pressure settings. Check for obstructions in the pressure line. Inspect wiring for loose or incorrect connections. If issues persist, contact support.
Switch does not auto-reset.	Pressure not returning to normal range; internal mechanism issue.	Confirm system pressure has returned to the acceptable range. If pressure is normal and switch remains actuated, contact support.
Intermittent operation.	Loose electrical connections; fluctuating system pressure; vibration.	Check all electrical connections for tightness. Monitor system pressure for stability. Ensure the switch is securely mounted to minimize vibration.

9. WARRANTY AND SUPPORT

HEXEH products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the documentation provided at the time of purchase or contact your vendor.

If you encounter any technical issues or require assistance with your HEXEH HNS-203 pressure switch, please contact our technical support team. We are committed to providing prompt assistance.

Technical Support:

Email: support@hexah.com (Example email, replace with actual if available)

Website: www.hexah.com/support (Example website, replace with actual if available)

Please have your product model (HNS-203) and any relevant purchase information ready when contacting support.

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

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