

Manuals.plus /
› Bolisila /
› Bolisila 017D002566 Differential Pressure Switch User Manual

Bolisila 017D002566 RT262A

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Model: 017D002566 RT262A

1. PRODUCT OVERVIEW

The Bolisila 017D002566 Differential Pressure Switch, also known as the RT262A, is a precision instrument designed to monitor and control pressure differences within a system. This device is engineered for reliability and accuracy, making it suitable for a wide range of applications in both industrial automation and residential settings. Its compact design facilitates easy integration and installation.



Figure 1: Bolisila 017D002566 Differential Pressure Switch. This image displays an overhead view of the pressure switch, featuring its light grey top casing and dark base. Two metallic pressure connection ports extend horizontally from either side of the main body, equipped with hexagonal nuts for secure attachment.

2. SETUP AND INSTALLATION

The 017D002566 Differential Pressure Switch is designed for straightforward installation. Ensure all safety precautions are observed before beginning the installation process.

2.1 Safety Precautions

- Always disconnect power to the system before installation or maintenance.
- Ensure the pressure in the system is relieved before connecting or disconnecting the switch.
- Wear appropriate personal protective equipment (PPE).
- Consult local electrical and plumbing codes for proper installation.

2.2 Mounting

The compact design allows for flexible mounting. Secure the device firmly to a stable surface using appropriate fasteners through the designated mounting points on the casing. Ensure the device is mounted in an orientation that allows for proper drainage and access for connections.

2.3 Pressure Connections

Connect the high and low pressure lines to the respective ports on the differential pressure switch. Use appropriate fittings and ensure all connections are sealed properly to prevent leaks. The switch is designed to operate within a pressure range of 0.1-1.5 Bar.

2.4 Electrical Connections

Refer to the wiring diagram provided with the product for specific electrical connections. Ensure all wiring is done by a qualified professional and complies with all relevant electrical standards. Verify correct voltage and current ratings before applying power.

3. OPERATING INSTRUCTIONS

The Bolisila 017D002566 Differential Pressure Switch operates by detecting a difference in pressure between its two input ports. When the pressure differential reaches a pre-set threshold, the internal switch activates, sending a signal to connected automation systems.

3.1 Setting the Differential Pressure

The switch has an adjustable range of 0.1-1.5 Bar. To set the desired activation point, locate the adjustment mechanism (typically a screw or dial) on the unit. Use a suitable tool to carefully turn the mechanism until the desired differential pressure value is set. It is recommended to use a calibrated pressure gauge to verify the set point during initial setup.

3.2 Operation Verification

After setting the differential pressure, apply varying pressures to the input ports to confirm the switch activates at the desired threshold. Observe any connected indicators or system responses to ensure proper functionality.

4. MAINTENANCE

Regular maintenance ensures the longevity and accurate operation of your differential pressure switch.

4.1 Cleaning

Periodically inspect the exterior of the switch for dust, dirt, or debris. Clean the casing with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the housing or internal components.

4.2 Inspection

- Check all pressure connections for signs of leaks or corrosion. Tighten connections if necessary.
- Inspect electrical wiring for fraying, damage, or loose connections.
- Ensure the mounting is secure and the device is not subject to excessive vibration.

4.3 Calibration Check

For critical applications, it is recommended to periodically verify the calibration of the differential pressure switch using a known pressure source and a calibrated reference gauge. If the switch is found to be out of calibration, re-adjust it according to the instructions in Section 3.1 or consult a qualified technician.

5. TROUBLESHOOTING

This section provides guidance for common issues encountered with the differential pressure switch.

Problem	Possible Cause	Solution
Switch does not activate at set point.	Incorrect pressure connections; Clogged pressure lines; Incorrect set point; Electrical wiring issue.	Verify high/low pressure connections; Clear pressure lines; Re-adjust set point (Section 3.1); Check electrical connections.
Constant activation/deactivation.	Pressure fluctuations in the system; Set point too close to operating pressure.	Stabilize system pressure; Adjust set point to provide adequate hysteresis.
Pressure leaks at connections.	Loose fittings; Damaged seals.	Tighten all connections; Replace damaged seals or fittings.

If the problem persists after attempting these solutions, contact customer support or a qualified technician.

6. SPECIFICATIONS

Attribute	Value
Model	017D002566 (RT262A)
Product Name	Differential Pressure Switch / Pressure Transmitter
Brand	Bolisila
Pressure Range	0.1 - 1.5 Bar
Compatibility	Various industrial automation products
Installation	Compact design and easy installation
Scope of Application	Industrial, residential, etc.
Item Weight	500 Grams
Assembly Required	No
Number of Pieces	1
Colour	One Color

7. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the documentation provided at the time of purchase or contact Bolisila customer service directly. Ensure you have your product model number (017D002566) and purchase details available when seeking support.

For further assistance, please visit the official Bolisila website or contact your authorized distributor.

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

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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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