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› [Wiremold](#) /

› [Wiremold W30 Pressure Type Wire Connector User Manual](#)

## Wiremold W30

# Wiremold W30 Pressure Type Wire Connector User Manual

Model: W30

## INTRODUCTION

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This manual provides detailed instructions for the safe and effective use of the Wiremold W30 Pressure Type Wire Connector. This connector is designed for secure electrical connections, ensuring reliability in various applications. Please read this manual thoroughly before installation and operation.



An image showing two white Wiremold W30 Pressure Type Wire Connectors. Each connector is rectangular with a single opening at one end for wire insertion.

## SAFETY INFORMATION

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Always observe the following safety precautions to prevent injury or damage:

- Ensure power is disconnected before installing or servicing electrical connectors.
- Use appropriate personal protective equipment (PPE), such as insulated gloves and safety glasses.
- Verify that the wire gauge and type are compatible with the connector's specifications.
- Do not exceed the maximum voltage rating of 300 Volts.
- Consult a qualified electrician if you are unsure about any installation steps.

## PRODUCT OVERVIEW

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The Wiremold W30 is a pressure-type wire connector designed for reliable electrical connections. It features a durable construction suitable for various wiring applications.

### Key Features:

- Pressure type connection for secure wire termination.
- Constructed from Polyvinyl Chloride (PVC) for insulation.
- Contact material made of Stainless Steel or Brass.
- cULus certified for safety standards.

## SETUP AND INSTALLATION

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Follow these steps for proper installation of the Wiremold W30 connector:

1. **Prepare Wires:** Ensure the ends of the wires to be connected are stripped to the appropriate length, typically about 1/2 inch (12-13 mm), exposing clean copper conductors. Avoid damaging the wire strands.
2. **Verify Compatibility:** Confirm that the wire gauge and type (solid or stranded) are suitable for the W30 connector.
3. **Insert Wires:** Firmly insert the stripped wire ends into the openings of the W30 connector. Push until the wire is fully seated and a secure connection is felt. The pressure mechanism inside the connector will grip the wire.
4. **Test Connection:** Gently tug on each wire to ensure it is securely held by the connector. There should be no movement or slippage.
5. **Insulate (if necessary):** If the connection is exposed or requires additional insulation, use appropriate electrical tape or heat shrink tubing.

Always ensure all connections are firm and properly insulated to prevent electrical hazards.

## OPERATING INSTRUCTIONS

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The Wiremold W30 Pressure Type Wire Connector operates passively by providing a secure and insulated connection between electrical wires. Once properly installed, it maintains electrical continuity and insulation. No active operation is required beyond correct installation.

- Ensure the connector is not subjected to excessive physical stress or bending after installation.
- Verify that the ambient temperature remains within the specified operating range of 10 to 40 °C (50 to 104 °F).

## MAINTENANCE

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The Wiremold W30 connector requires minimal maintenance. However, periodic inspection is recommended to ensure continued performance and safety.

- **Visual Inspection:** Periodically check installed connectors for any signs of physical damage, discoloration, or loose connections.
- **Environmental Check:** Ensure the connectors are not exposed to conditions outside their specified temperature and humidity ranges.
- **Cleaning:** If necessary, gently wipe the exterior of the connector with a dry, clean cloth. Do not use harsh chemicals or abrasive materials.

## TROUBLESHOOTING

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If you encounter issues with your Wiremold W30 connector, consider the following:

Problem	Possible Cause	Solution
Loose connection	Wire not fully inserted; incorrect wire gauge.	Re-insert wire firmly; ensure correct wire gauge is used.
No electrical continuity	Poor wire stripping; damaged wire; faulty connector.	Re-strip wire ends; inspect wire for damage; replace connector if faulty.
Connector damage	Physical impact; exposure to extreme conditions.	Replace the damaged connector immediately.

## SPECIFICATIONS

Attribute	Detail
Model Number	W30
Connector Type	Pressure Type Wire Connector
Color	White
Material	Polyvinyl Chloride (Insulation)
Contact Material	Stainless Steel or Brass
Maximum Voltage	300 Volts
Temperature Rating	10 to 40 °C (50 to 104 °F)
Certification	cULus
Product Dimensions	Approximately 20 x 18 x 15 inches (packaging dimensions)
Item Weight	0.01 ounces
UPC	786776080810

## WARRANTY AND SUPPORT

Specific warranty information for the Wiremold W30 Pressure Type Wire Connector is not provided in this document. For details regarding warranty coverage, technical support, or replacement parts, please contact Wiremold customer service directly or visit their official website. Keep your purchase receipt as proof of purchase.

**Manufacturer:** Wiremold