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› Von Duprin EPT1028 Power Transfer Wires Instruction Manual

Von Duprin EPT1028

Von Duprin EPT1028 Power Transfer Wires Instruction Manual

Model: EPT1028 | Brand: Von Duprin

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the Von Duprin EPT1028 Power Transfer Wires. Please read this manual thoroughly before proceeding with installation or use to ensure safe and efficient functionality of your door hardware system.

2. PRODUCT OVERVIEW

The Von Duprin EPT1028 is a power transfer device designed to safely and discreetly transfer electrical power from the door frame to the door itself. This enables the operation of electrified door hardware such as electric locks, exit devices, and other security components. It is suitable for both single and double door applications.

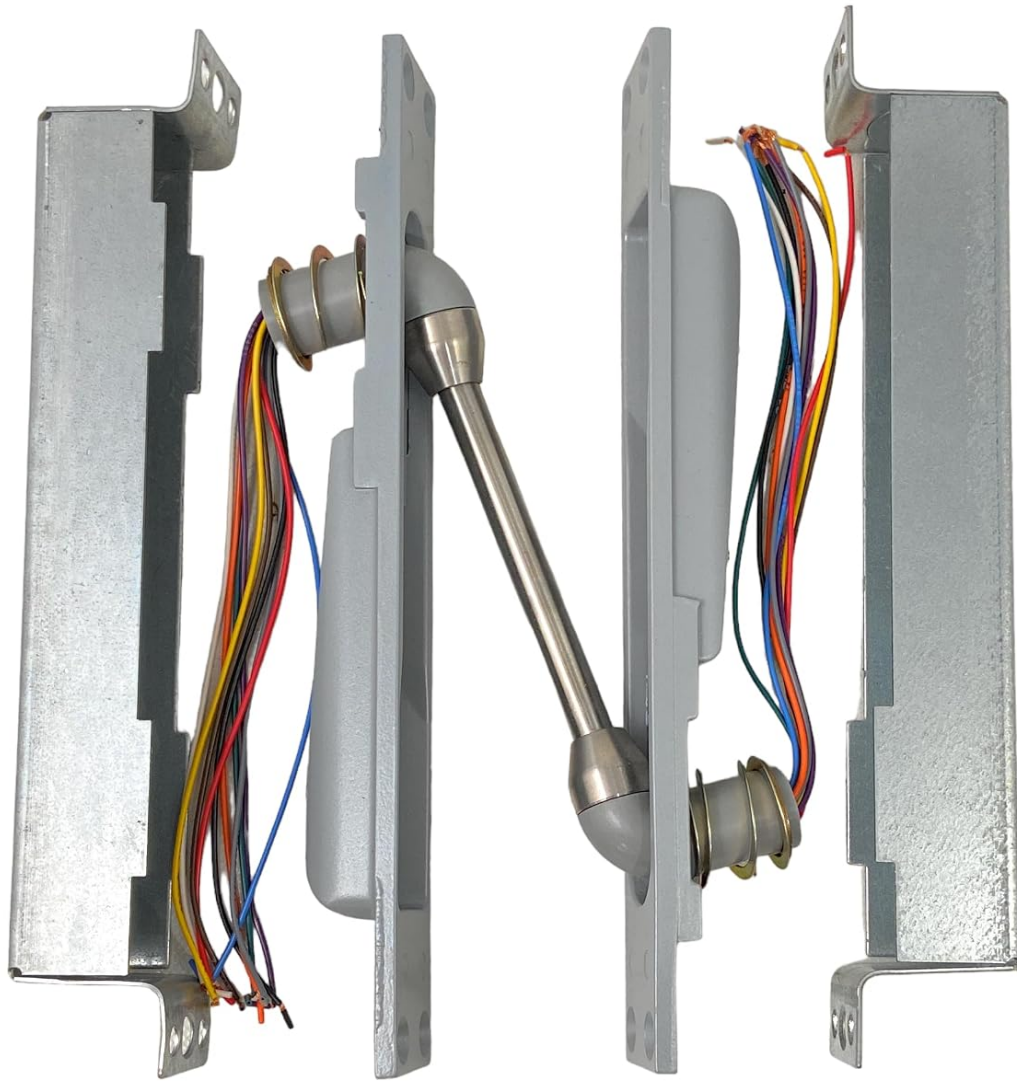


Figure 2.1: The EPT1028 Power Transfer Wires in an open configuration, revealing the internal wiring and mechanical linkage.

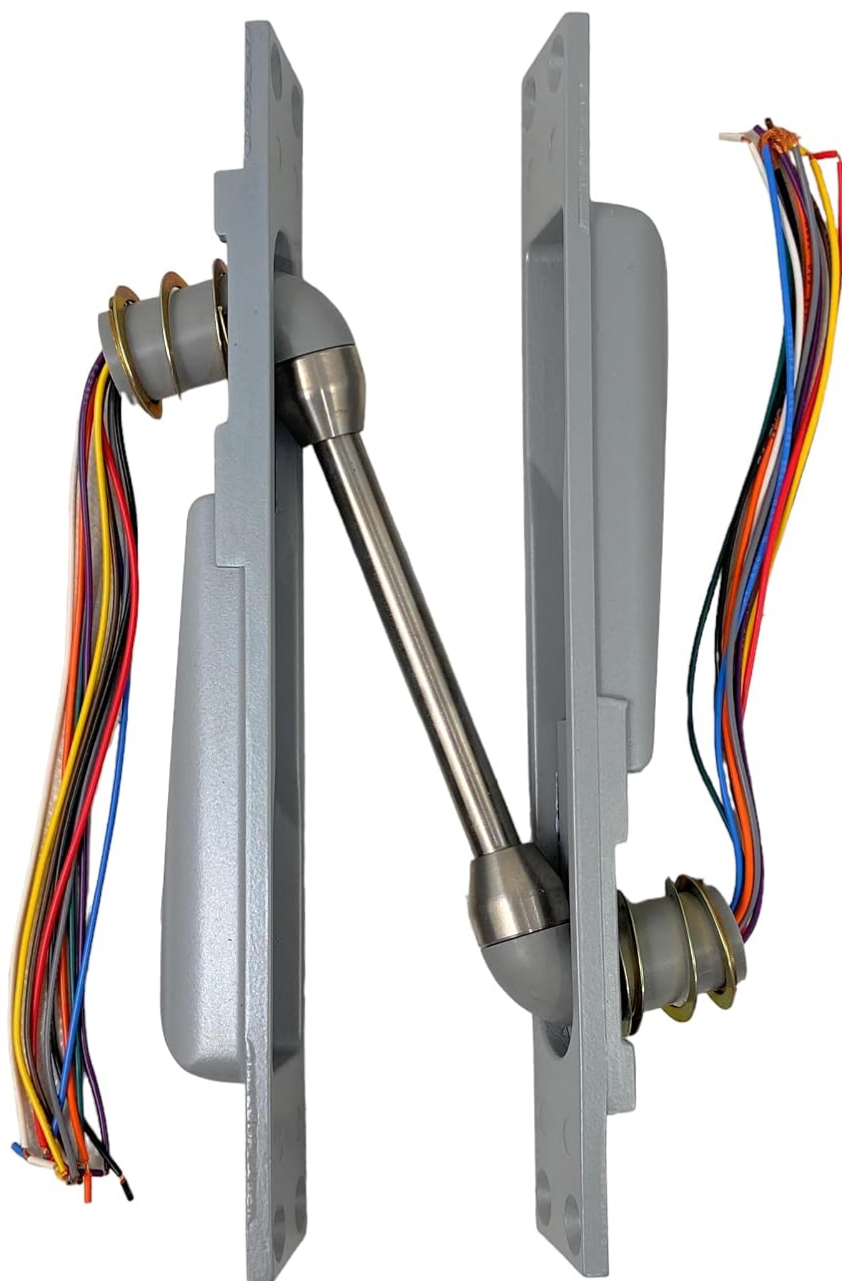


Figure 2.2: A partially closed view of the EPT1028, illustrating the articulation of the power transfer mechanism.



Figure 2.3: Side view of the EPT1028 in a closed position, showing its compact form factor when installed.



Figure 2.4: The packaging for the Von Duprin EPT1028 Power Transfer Wires, indicating brand and model information.

3. SAFETY INFORMATION

WARNING: Installation and wiring of this product should only be performed by qualified personnel familiar with electrical systems and door hardware. Failure to follow these instructions could result in electric shock, fire, or damage to the product or property.

- Always disconnect power to the door frame and door before beginning any installation or maintenance.
- Ensure all wiring complies with local electrical codes and regulations.
- Do not modify the product. Use only genuine Von Duprin replacement parts if necessary.
- Keep hands and tools clear of moving parts during operation and testing.

4. INSTALLATION AND SETUP

The EPT1028 Power Transfer Wires are designed for concealed installation within the door frame and door. Specific installation details will vary based on the door and frame type, as well as the electrified hardware being powered. Refer to

the detailed installation templates and instructions provided with the specific door and frame preparation kits, or consult a qualified door hardware technician.

1. **Preparation:** Ensure the door and frame are properly prepared with the necessary cutouts and wire pathways for the EPT1028.
2. **Mounting:** Securely mount the EPT1028 units into the prepared recesses in the door frame and door edge.
3. **Wiring:** Connect the power transfer wires to the power source and the electrified door hardware. Ensure correct polarity and secure all connections. The EPT1028 typically accommodates 10-24 gauge wires.
4. **Testing:** After installation, carefully test the door's operation and the functionality of the electrified hardware before restoring full power.

Note: For optimal performance and safety, professional installation is highly recommended.

5. OPERATION

The Von Duprin EPT1028 operates passively by transferring electrical power as the door opens and closes. When the door is closed, the contacts within the EPT1028 transfer power to the electrified hardware on the door. When the door opens, the contacts disengage, and the power transfer is interrupted. This mechanism ensures continuous power supply to door-mounted devices while maintaining the integrity and aesthetics of the door opening.

6. MAINTENANCE

The EPT1028 Power Transfer Wires are designed for minimal maintenance. Regular inspection is recommended to ensure continued reliable operation.

- **Annual Inspection:** Periodically inspect the visible components for any signs of wear, damage, or loose connections.
- **Cleaning:** Keep the area around the power transfer free from excessive dust or debris. Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.
- **Lubrication:** No lubrication is required for the internal components.

If any issues are observed, refer to the troubleshooting section or contact a qualified technician.

7. TROUBLESHOOTING

If you experience issues with your Von Duprin EPT1028, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
No power to door hardware	• Power supply disconnected or off • Loose or incorrect wiring connections • Damaged EPT1028 unit • Faulty door hardware	• Verify power supply is active and connected. • Check all wiring connections for security and correct polarity. • Inspect the EPT1028 for visible damage. If damaged, replacement by a qualified technician may be necessary. • Test door hardware independently if possible.

Problem	Possible Cause	Solution
Intermittent power to door hardware	• Loose connections • Misalignment of door/frame • Worn contacts within EPT1028	• Check and secure all wiring connections. • Ensure proper door and frame alignment. • If contacts are worn, the unit may require replacement by a qualified technician.

If the problem persists after attempting these solutions, contact a qualified service technician.

8. SPECIFICATIONS

Feature	Detail
Model Number	EPT1028
Brand	Von Duprin
Wire Gauge Compatibility	10-24 Gauge
Application	Single and double door applications
Package Dimensions	10 x 4.5 x 2 inches (25.4 x 11.43 x 5.08 cm)
Item Weight	0.16 ounces (approx. 4.5 grams)
Manufacturing Origin	United States
Date First Available	December 4, 2014

9. WARRANTY AND SUPPORT

For specific warranty information regarding the Von Duprin EPT1028 Power Transfer Wires, please refer to the documentation provided at the time of purchase or contact Von Duprin directly. Warranty terms typically cover manufacturing defects for a specified period.

For technical support, replacement parts, or service inquiries, please contact your authorized Von Duprin dealer or visit the official Von Duprin website for contact information.

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