

1. Introduction

The **Dahua ZANXG-1.5** is an **explosion-proof flexible tube** designed to protect electrical cables in hazardous environments such as oil refineries, drilling platforms, and chemical plants. Constructed from **SUS316L stainless steel**, this tube offers excellent resistance to corrosion, impact, and high temperatures.

This accessory is part of explosion-proof protection systems used in classified areas, ensuring the integrity of electrical connections under extreme conditions.

2. Key Features

- **SUS316L stainless steel construction** for maximum resistance in corrosive environments.
 - **1.5-meter length**, ideal for industrial installations.
 - **G3/4" outlet thread** compatible with multiple Dahua devices.
 - **Explosion-proof design**, certified by ATEX and IECEx.
 - **IP66 rating**, dustproof and waterproof.
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3. Recommended Applications

- Oil refineries
- Drilling platforms
- Chemical plants
- Pipelines
- Explosive material warehouses
- Metallurgical factories

4. Technical Specifications

- **Model:** ZANXG-1.5
 - **Material:** SUS316L stainless steel
 - **Length:** 1.5 meters (4.92 feet)
 - **Outlet Thread:** G3/4"
 - **Net Weight:** 1.2 kg
 - **Gross Weight:** 1.4 kg
 - **Temperature Range:** -60°C to +100°C (-76°F to 212°F)
 - **Operating Humidity:** ≤ 95%
 - **Protection Rating:** IP66
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5. Certifications

- **ATEX:** II 2 G Ex eb IIC Gb / II 2 D Ex tb IIIC Db
 - **IECEX:** Ex eb IIC Gb / Ex tb IIIC Db
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6. Installation

6.1. Prerequisites

- Verify the compatibility of the tube with the electrical equipment.
- Have proper tools available for tightening threaded connections.

6.2. Procedure

1. Align the G3/4" connector with the port of the Dahua device or explosion-proof box.
2. Firmly screw the flexible tube until a tight seal is achieved.
3. Carefully feed the cables through the inside of the tube.

4. Ensure there are no gaps or cracks in the connection.
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7. Maintenance

- Periodically inspect the physical integrity of the tube.
- Clean with a dry cloth and avoid using abrasive solvents.
- Ensure that all connections are secure and free of visible corrosion.