

EU Declaration of Conformity and Risk Assessment – Brass Cable Glands

Product Description

WKK's brass cable glands are made of high-quality nickel-plated brass. They are used for the safe and sealed cable entry into housings, control cabinets, and machinery. They provide mechanical protection, environmental sealing (IP68, depending on type), and strain relief for cables.

Limits of Use

The brass cable glands are intended solely for cable entry in stationary electrical installations. They must not be used for dynamic loads, excessive mechanical stress, or in highly aggressive chemical environments without appropriate material selection.

Hazard Analysis

1. **Mechanical Hazards:** Risk of injury from sharp edges during handling and installation.
2. **Environmental Hazards:** Risk of corrosion when used in unsuitable chemical environments.
3. **Thermal Hazards:** Potential deterioration of seals if temperature limits are exceeded.

Risk Assessment

- Mechanical risks are low with proper installation.
- Environmental risks are minimal with correct material selection and seals.
- Thermal risks are low within specified operating temperatures.



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Risk Mitigation

1. **Correct Installation:** Tighten glands according to specified torque settings.
2. **Material Selection:** Choose corrosion-resistant variants where aggressive chemicals are present.
3. **Maintenance:** Regularly inspect the sealing and mechanical integrity.

Warnings and Instructions for Use

- Install cable glands according to the manufacturer's torque specifications.
- Not suitable for dynamic cable movements or highly aggressive chemical environments without verification.

Declaration of Conformity

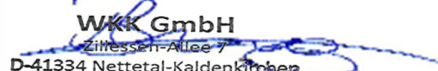
WKK GmbH hereby confirms that the brass cable glands comply with all applicable European standards and directives.

Bram Boers

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Die Lieferung erfolgt gemäß unseren Ihnen bekannten Geschäftsbedingungen.