Plastic Cable Gland, Black, PG Thread

Product codes:

Reference: AM8460
EAN13: -
UPC: 85444290

Product features:

Color: Black
Waterproof grade: IP68

Product attributes:

Thread: PG7, PG9, PG11, PG13.5, PG16, PG19, PG21

Product description:

The plastic cable gland with a PG thread is used for the sealed passage of a cable through the wall of a switchboard, cabinet, or enclosure. It ensures mechanical cable retention and restricts the penetration of dust and water into the protected area when properly installed with a suitably sized thread.

Technical Specifications

- Product type: Cable gland
- Design: Plastic
- Color: Black
- Thread: PG
- Material: PA66 polyamide
- Protection rating: IP68
- Material flammability: UL94 V-2

Functions and Features

- Sealed cable passage through the wall of an enclosure or device.
- Design with a cap nut for mechanical cable clamping.
- Suitable design for outdoor applications and environments with

increased demands for dust and water protection.
- Choice of multiple PG thread variants according to the required mounting hole.
- Plastic design made of PA66 polyamide with a UL94 V-2 flammability rating.

Ideal For

- Switchboards and electrical installation cabinets.
- Cable routing in plastic or metal enclosures.
- Outdoor electrical installations requiring a sealed cable entry.
- Industrial and service applications where the internal space of the device must be protected from dust and water.

Package Contents

- Plastic cable gland with PG thread in the selected variant

Why Choose This Product

- Offers a sealed cable entry with IP68 protection.
- PG thread variants allow selection based on specific mounting needs.
- The PA66 material is suitable for technical use in electrical installation applications.
- The black plastic design is suitable for installations in enclosures, switchboards, and devices with a cable supply.

Installation and Operation Instructions

- Before installation, select the thread variant corresponding to the mounting hole and the cable used.
- Secure the gland into the prepared hole and secure the cable by tightening the cap nut.
- To maintain tightness, the gland must be properly seated and tightened without damaging the thread or sealing parts.
- When used in electrical installations, the assembly must be performed by a person with appropriate professional qualifications.

Safety Warnings

- Disconnect the device from the power supply before installing or modifying the wiring.
- An incorrectly selected or loosely tightened gland reduces protection against dust and water ingress.
- Do not use a damaged gland in electrical equipment or installations exposed to moisture.
- The gland is not an independent electrical protective element and does not replace fusing, insulation, or other safety elements of the

installation.

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