

Cable Gland with Strain Relief, Plastic, Black, PG Thread

Product codes:

Reference: AM7228

EAN13: -

UPC: 85444290

Product features:

Color: Black

Waterproof grade: IP68



Product attributes:

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

Product description:

The cable gland with a PG thread is used for passing a cable through the wall of a device, switchboard, or enclosure, and to reduce strain on the wire at the exit point. The spiral protection helps protect the cable from excessive bending and kinking. This design is suitable for applications where sealing the cable passage and mechanical protection of the wiring are required.

Technical Specifications

- Product type: cable gland with strain relief
- Thread type: PG7
- Color: black
- Material: PA66 polyamide
- Protection rating: IP68
- Flammability class: UL 94 V-2
- Design: gland with spiral bending protection

Features and Properties

- Seals the cable passage against dust and water up to IP68 rating when properly installed.
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- The spiral section limits sharp bending of the wire at the exit point of the gland.
- The plastic design made of PA66 polyamide is intended for electrical installation and construction use.
- The black finish is suitable for installations where a discreet cable gland is required.
- The PG thread allows mounting into a corresponding threaded hole or a hole with a suitable nut.

Ideal For

- Cable passages in electrical devices and enclosures.
- Switchboards, control cabinets, and instrument boxes.
- Outdoor applications where sealing of the cable passage is required.
- Installations requiring cable protection against kinking at the enclosure exit.

Package Contents

- 1x Cable gland with strain relief

Why Choose This Product

- Combines cable passage sealing with mechanical wire protection against bending.
- The stated IP68 protection is suitable for environments with dust and water.
- The PA66 material and UL 94 V-2 flammability class are suitable for electrical installation applications.
- The PG7 thread allows use in installations designed for this type of cable gland.

Installation and Operating Instructions

- Install the gland only into a hole or thread matching PG7.
- Before installation, verify the suitability of the gland for the diameter of the cable used.
- To maintain the protection rating, the gland must be properly tightened and the cable firmly seated in the passage.
- When installing in electrical equipment, the assembly must be performed by a person with appropriate professional qualifications.

Safety Warnings

- Do not perform installation on live equipment.
 - An incorrectly selected cable diameter or insufficient tightening can reduce the passage tightness and mechanical protection of the cable.
 - Do not use a damaged gland, as this may result in reduced
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protection and mechanical damage to the wire.

- When used in electrical distribution systems, comply with the requirements of applicable regulations for the given installation.

Product gallery:



PG TYPE				M TYPE			
Product model	Applicable cable to cable	Thread diameter	Length in mm	Product model	Applicable cable to cable	Thread diameter	Length in mm
PG7	2-4,5	12,5	8	M20	15-24	12	8
PG7	2-6	12,5	8	M20	15-24	12	8
PG8	4-6	15,2	8	M25	15-24	16	8
PG8	2-6	15,2	8	M25	15-24	16	8
PG11	5-10	18,4	8	M28	15-24	18	8
PG11	7-7	18,4	8	M28	15-24	18	8
PG13,5	6-12	20,4	9	M32	15-24	20	9
PG13,5	5-9	20,4	9	M32	15-24	20	9
PG16	10-18	22,5	10	M36	15-24	22	10
PG16	7-12	22,5	10	M36	15-24	22	10
PG21	13-18	26,3	10	M40	15-24	25	10
PG21	9-16	26,3	10	M40	15-24	25	10
				M40	15-24	25	10
				M40	15-24	25	10