

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

Product codes:

Reference: AM4817

EAN13: -

UPC: 85444290

Product features:

Waterproof grade: IP68

Product attributes:

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



Product description:

A plastic cable gland with an integrated spiral strain relief is used to pass a cable through the wall of a device, distribution board, or enclosure, while reducing cable stress at the exit point. The PG thread version is designed for installation into a corresponding threaded or through-hole.

Technical Specifications

- Product type: cable gland with strain relief
- Design: plastic
- Color: white
- Thread: PG
- Material: PA66 polyamide
- Protection rating: IP68
- Material flammability: UL 94 V-2

Features and Properties

- The spiral protection reduces bending stress on the cable at the exit point.
 - The gland design helps protect the cable passage from dust and water when properly installed.
 - The PG thread allows use in standard applications with a matching
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mounting hole.

- The polyamide design is suitable for technical installations where an electrically non-conductive plastic gland is required.
- Thread variants allow selection according to the required mounting size.

Ideal for

- Passing cables through the wall of a distribution board, enclosure, or device.
- Electrical and industrial applications requiring mechanical protection of the cable exit.
- Outdoor and demanding environments, provided the gland is properly installed and used in accordance with installation requirements.
- Applications where it is necessary to reduce the risk of cable damage from repeated bending at the exit.

Package Contents

- Cable gland with protective spiral in the selected thread variant

Why Choose This Product

- The gland combines cable passage and mechanical wire protection in one element.
- The IP68 protection rating supports use in installations requiring dust and water sealing.
- The PA66 polyamide material and UL 94 V-2 flammability classification are suitable for technical use in electrical installations.
- The option to choose a PG thread makes it easy to adapt to a specific mounting application.

Installation and Operation Instructions

- Install the gland only into a hole or thread matching the selected PG variant.
- Before installation, verify that the cable diameter matches the gland used and that secure mechanical fastening can be achieved.
- To maintain IP68 protection, the gland must be properly tightened and fitted in a structure that supports the required rating.
- When used in an electrical installation, perform mounting only on disconnected equipment.

Safety Warnings

- Incorrect installation of the gland reduces the mechanical protection of the cable and may compromise the tightness of the passage.
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- When used with electrical cables, installation must be performed by a person with the appropriate qualifications for the given installation.
- The gland does not replace electrical insulation, fusing, or protection against overload or short circuit.
- Do not use a damaged, cracked, or deformed gland.

Product gallery:



PG TYPE				N1 TYPE					
Product Model	Product Length	Product Weight	Product Length	Product Weight	Product Length	Product Weight			
to Cable	to Cable	to Cable	to Cable	to Cable	to Cable	to Cable			
PG	PG	PG	N1	N1	N1	N1			
PG7	9-6,5	12,5	8	15	M20x1,5	3-4,5	12	8	15
PG7	2-5	13,5	8	15	M20x1,5	2-5	12	8	15
PG8	4-8	11,5	8	15	M20x1,5	4-8	16	8	15
PG8	2-4	15,2	8	15	M20x1,5	2-4	16	8	15
PG11	5-10	18,6	8	22	M20x1,5	5-10	18	8	22
PG11	3-7	18,6	8	22	M20x1,5	3-7	18	8	22
PG15	6-12	26,4	8	24	M20x1,5	6-12	20	8	24
PG15	5-9	26,4	8	24	M20x1,5	5-9	20	8	24
PG16	10-14	23,5	10	27	M20x1,5	10-14	22	10	27
PG16	7-11	23,5	10	27	M20x1,5	7-11	22	10	27
PG21	13-18	28,3	10	33	M20x1,5	13-18	25	10	33
PG21	9-16	28,3	10	33	M20x1,5	9-16	25	10	33
						10-18	27	10	33
						8-10	27	10	33