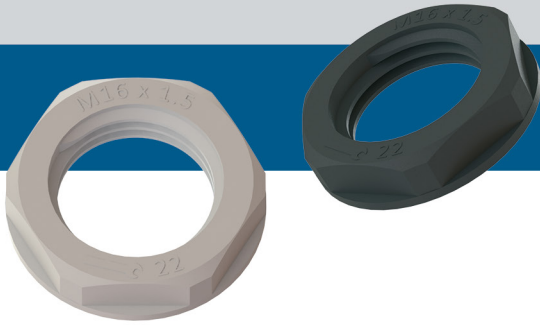


W-CN

Cable gland nut



Description

W-CN-XX are hexagonal locknuts with metric thread, intended for the secure tightening of Sentera's appropriately sized W-CG cable glands. They ensure sealing, termination and serve as a strain relief element for the cable. The locknuts are available in two colours — black and grey — and in three sizes, each suitable for a specific W-CG cable gland.

The W-CN-XX locknuts provide users with several benefits:

- **Enhanced Cable Protection**
 - Helps prevent cable damage by securely fastening the cable gland in place.
 - Reduces strain on cables, extending their lifespan in demanding environments.
- **Reliable Sealing and Termination**
 - Ensures a tight and secure fit to prevent dust, moisture and debris from entering enclosures.
 - Maintains the integrity of electrical and control system installations.
- **Versatile Sizing and Colour Options**
 - Available in three different sizes, each designed to fit a specific W-CG cable gland.
 - Offered in black and grey to match various installation aesthetics and requirements.
- **Ideal for Various Applications**
 - Suitable for HVAC systems, industrial control panels and electrical enclosures.
 - Designed for use in both commercial and industrial environments.

With their durable design, secure fastening and compatibility with Sentera's W-CG cable glands, W-CN-XX locknuts provide a reliable solution for ensuring cable protection, sealing and strain relief across various industrial and commercial applications.

Key Features

- **Metric Connection Thread According to EN 50262**
 - Features a standardised metric thread that complies with EN 50262.
 - Ensures compatibility with the W-CG-M12/M16/M20 cable glands and fittings.
 - Provides a secure and reliable connection for long-term stability.
- **Resistant to Common Fluids and Solvents**
 - Made from durable, high-quality materials.
 - Ideal for industrial environments.
- **Lightweight**
 - Designed to be lightweight while maintaining strength and durability.
 - Reduces handling effort and simplifies installation.
 - Suitable for applications where minimising load is important, such as suspended or compact electrical enclosures.
- **Easy to Install**
 - Precisely engineered metric threads allow for effortless screwing onto cable glands.
 - Does not require specialised tools for installation.
 - Simplifies assembly, reducing time and effort while ensuring a secure connection.
- **Anti-Vibration Protection**
 - Provides a firm and stable hold to prevent loosening due to vibrations.
 - Ensures a secure cable connection in high-motion applications.

Technical Specifications

Material	Polyamide 6.0, unreinforced
Flammability rating	UL 94-V0
Temperature range	-30—80 °C

Standards

- Commission Delegated Directive (EU) 2015/863 (RoHS 3) of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances



Area of Use

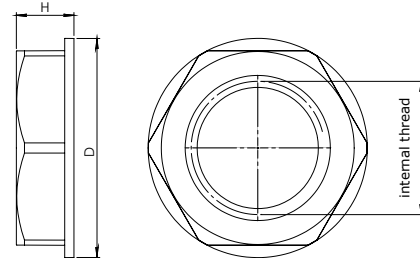
- For secure tightening of cable glands and accessories



Article Codes

Article code	Internal thread	Wrench size [mm]	Colour
W-CN-LG-M12	M12x1,5	3—6	grey (RAL 7035)
W-CN-LG-M16	M16x1,5	5—10	
W-CN-LG-M20	M20x1,5	8—13	
W-CN-BK-M12	M12x1,5	3—6	black (RAL 9005)
W-CN-BK-M16	M16x1,5	5—10	
W-CN-BK-M20	M20x1,5	8—13	

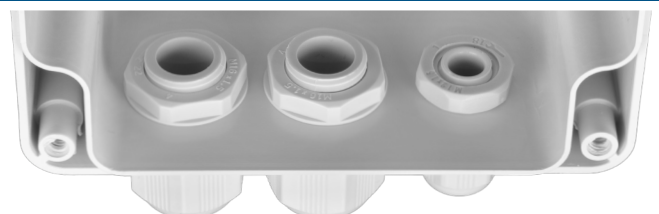
Dimensions



Article	D [mm]	H [mm]	Internal thread
W-CN-LG-M12 W-CN-BK-M12	19	5	M12x1,5
W-CN-LG-M16 W-CN-BK-M16	24	5	M16x1,5
W-CN-LG-M20 W-CN-BK-M20	28,6	6	M20x1,5

Note: The W-CG-M12/M16/M20 cable glands must be ordered separately.

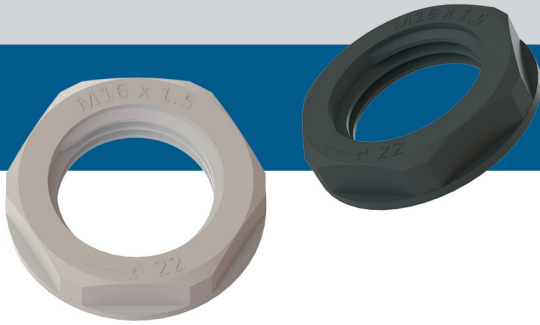
Application Example



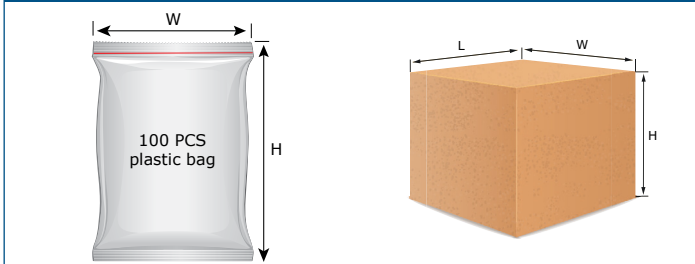
In this application example, grey W-CN-XX locknuts, available in various sizes, are used to tighten Sentera's W-CG-XX cable glands.

W-CN

Cable gland nut



Packaging



Article	Packaging	Length [mm]	Width [mm]	Height [mm]	Net weight [kg]	Gross weight [kg]
W-CN-LG-M12 W-CN-BK-M12	Plastic bag (100 pcs.)	-	170	230	0,4	0,4
	Box (10 bags)	430	300	190	3,8	5,5
W-CN-LG-M16 W-CN-BK-M16	Plastic bag (100 pcs.)	-	230	310	0,9	0,9
	Box (10 bags)	580	380	280	8,5	9,5
W-CN-LG-M20 W-CN-BK-M20	Plastic bag (100 pcs.)	-	260	350	1,2	1,3
	Box (10 bags)	580	380	280	12,4	13,2

Global Trade Item Numbers 14 (GTIN 14)

Article	Unit	Box
W-CN-LG-M12	5401003000519	5401003500132
W-CN-LG-M16	5401003000526	5401003500149
W-CN-LG-M20	5401003000533	5401003500156
W-CN-BK-M12	5401003000489	5401003500101
W-CN-BK-M16	5401003000496	5401003500118
W-CN-BK-M20	5401003000502	5401003500125