SENTERA CONTROLS

W-CG
Cable gland

Description

W-CG-XX are cable glands, which provide through-wall sealing for cables. The cable glands, which have IP67, ensure complete protection against dust ingress and can withstand water immersion. They are suitable for secure cable routing and anchoring. The cable glands are available in two colours — black and grey, and three different sizes, which make them compatible with cables with different diameters.

The cable glands W-CG-XX provide several benefits:

- **Industrial and Commercial Applications:** Suitable for a wide range of industrial and commercial settings requiring secure and sealed cable entry.
- **Indoor and Outdoor Use:** The IP67 rating ensures reliable performance in both indoor and outdoor environments due to dust and water ingress protection.
- **Resistant to Harsh Weather Conditions:** Can be used in environments where exposure to dust, dirt and splashing or temporary immersion in water is expected.
- **Equipment and Enclosure Sealing:** Ideal for creating a watertight and dust-tight seal when cables pass through walls, panels or enclosures.
- **Efficient Cable Management:** Provides a secure and organised method for routing and anchoring cables.
- **Diverse Cable Diameters:** Available in three different sizes, the cable glands W-CG-XX ensure compatibility with a variety of cable diameters.
- **Colour Options for Visual Integration:** The cable glands come in black and grey, which ensures blending with equipment or visual distinction between cable types.

Suitable for various applications, the cable glands W-CG-XX are a reliable solution for cable protection.

Key Features

- Metric Thread Compliant with EN 50262: Standardised metric connection for secure and compatible mounting.
- Reducing Seal Insert: Allows sealing of cables with smaller outer diameters within the range of the gland.
- Fluid and Solvent Resistance: Material withstands common industrial liquids and chemicals.
- Easy to Install: Designed for quick and easy assembly.
- Wide Sealing / Clamping Range: Accommodates a broad spectrum of cable diameters.
- Anti-Vibration Protection: Maintains cable gland integrity and cable stability under vibration.

Technical Specifications

Material	Gland	Polyamide 6.0, unreinforced
	Seal insert	TPV (Thermoplastic Vulcanizate)
Flammability rating		V.0
Protection standard		IP67 (according to EN 60529)
Temperature range		-30—80 °C

Area of Use

- For use in areas where cables and wires need to be safely put through the walls of enclosures.

Standards

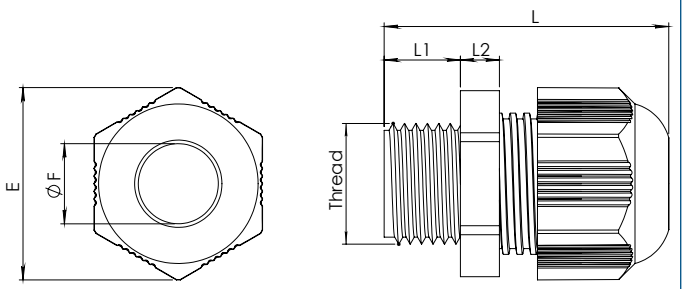
CE

- 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

Article Codes

Article code	Thread	Clamping range [mm]	Cap nut size [mm]	Body nut size [mm]	Colour
W-CG-LG-M12	M12x1,5	3—6	15	16	grey (RAL 7035)
W-CG-LG-M16	M16x1,5	5—10	22	22	
W-CG-LG-M20	M20x1,5	8—13	27	27	
W-CG-BK-M12	M12x1,5	3—6	15	16	black (RAL 9005)
W-CG-BK-M16	M16x1,5	5—10	22	22	
W-CG-BK-M20	M20x1,5	8—13	27	27	

Dimensions



Article	L [mm]	L1 [mm]	L2 [mm]	E [mm]	F [mm]
W-CG-LG-M12 W-CG-BK-M12	30	8	5	18,2	6
W-CG-LG-M16 W-CG-BK-M16	37	10	5	25	10
W-CG-LG-M20 W-CG-BK-M20	39	19	6	30,8	92

Note: *The W-CN-XX-M12/M16/M20 cable gland nuts must be ordered separately.*

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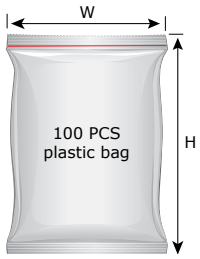
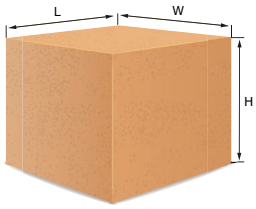
Global Trade Item Numbers 14 (GTIN 14)		
Article	**Unit**	**Box**
W-CG-LG-M12	5401003000458	5401003500071
W-CG-LG-M16	5401003000465	5401003500088
W-CG-LG-M20	5401003000472	5401003500095
W-CG-BK-M12	5401003000427	5401003500040
W-CG-BK-M16	5401003000434	5401003500057
W-CG-BK-M20	5401003000441	5401003500064

Packaging





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