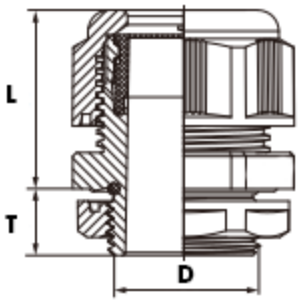
Liquid-Tight Cordgrips (Nickel Plated Brass) *1427BCG Series*

IP68, UL Listed. PG & Metric

Features

- Liquid-tight cordgrip made from nickel plated brass
- Used where cable is entering or leaving an enclosure.
- Accepts a wide range of cable diameters due to large opening and NBR (nitrile rubber) seal.
- The strain relief elements tighten in a circular sequence on the sealing ring to give outstanding strain relief without twisting or damaging the cable.
- Use the cordgrip with the smallest maximum diameter that will fit your application (see table below).
- Locknut and EPDM o-ring included (as shown).
- Designed to meet NEMA Type 4, 4X, 6, 6P, 12 & 13 - Protection to IP68.
- -40C to + 100C working temp with a temporary heat resistance up to 120C.
- UL listed.



PG Threads

Part Number	Material	Thread Size (D)	Mounting Hole Diameter	Wire Diameter Min	Wire Diameter Max	Outer Length (L)	Inner Thread Length (T)
1427BCGPG7	Nickel Plated Brass	PG7	24	3	4	19	5
1427BCGPG9	Nickel Plated Brass	PG9	15	4	8	21	6
1427BCGPG11	Nickel Plated Brass	PG11	19	5	10	22	6
1427BCGPG13	Nickel Plated Brass	PG13	21	6	12	23	7
1427BCGPG16	Nickel Plated Brass	PG16	23	10	14	24	7
1427BCGPG21	Nickel Plated Brass	PG21	29	13	18	24	7
1427BCGPG29	Nickel Plated Brass	PG29	37	18	25	31	8

Part Number	Material	Thread Size (D)	Mounting Hole Diameter	Wire Diameter Min	Wire Diameter Max	Outer Length (L)	Inner Thread Length (T)
1427BCGPG36	Nickel Plated Brass	PG36	48	22	32	37	8
1427BCGPG42	Nickel Plated Brass	PG42	55	32	38	37	9
1427BCGPG48	Nickel Plated Brass	PG48	60	37	44	38	10

Metric Threads

Part Number	Material	Thread Size (D)	Mounting Hole Diameter	Wire Diameter Min	Wire Diameter Max	Outer Length (L)	Inner Thread Length (T)
1427BCGM12	Nickel Plated Brass	M12x1.5	12	3	7	19	7
1427BCGM16	Nickel Plated Brass	M16x1.5	16	4	8	21	6
1427BCGM16L	Nickel Plated Brass	M16x1.5	16	5	10	22	6
1427BCGM20	Nickel Plated Brass	M20x1.5	20	6	12	23	6
1427BCGM20L	Nickel Plated Brass	M20x1.5	20	10	14	24	6
1427BCGM25	Nickel Plated Brass	M25x1.5	26	13	18	25	7
1427BCGM32	Nickel Plated Brass	M32x1.5	32	18	25	31	8
1427BCGM40	Nickel Plated Brass	M40x1.5	40	22	32	37	8
1427BCGM50	Nickel Plated Brass	M50x1.5	50	32	38	37	9
1427BCGM63	Nickel Plated Brass	M63x1.5	63	29	35	38	10

Torque Specifications

Thread Size	Sealing Nut Torque (N-m) Min.	Sealing Nut Torque (N-m) Max.	Locknut Torque (N-m) Min.	Locknut Torque (N-m) Max.
PG7	1.5	2.5	2.5	3.5
PG9	2	3	3.5	4.5
PG11	3	4	4.5	5.5
PG13.5	4	5	6	8
PG16	5	7	7	9
PG21	6	8	8	10
PG29	8	10	9	11
PG36	13	16	13	15
PG42	18	20	15	19
PG48	21	24	17	20
M12	1	2	2.5	3.5
M16 (small)	2	3	3.5	4.5
M16 (large)	3	4	4	5
M20 (small)	4	5	5	6
M20 (large)	5	6	7	9
M25	6	8	8	10
M32	12	14	10	14
M40	17	19	15	18
M50	20	24	17	20
M63	24	27	19	23

Note: The above table should be considered a guide. Actual torque values can vary depending on the application.

Tags: **cord grip**, **cord gland**, **cable gland**, **cable grip**

Data subject to change without notice.

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