

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

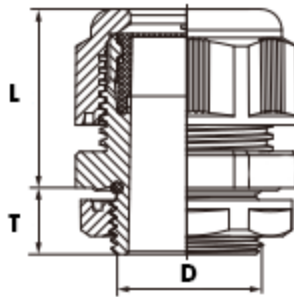
IP68, UL Listed. PG & Metric

### 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		Outer Length (L)	Inner Thread Length (T)
				Min	Max		
1427BCGPG7	Nickel Plated Brass	PG7	24	3	4	19	5
1427BCGPG9	Nickel Plated Brass	PG9	15	4	8	21	6

Part Number	Material	Thread Size (D)	Mounting Hole Diameter	Wire Diameter		Outer Length (L)	Inner Thread Length (T)
				Min	Max		
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
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		Outer Length (L)	Inner Thread Length (T)
				Min	Max		
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)		Locknut Torque (N-m)	
	Min.	Max.	Min.	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

Thread Size	Sealing Nut Torque (N-m)		Locknut Torque (N-m)	
	Min.	Max.	Min.	Max.
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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