

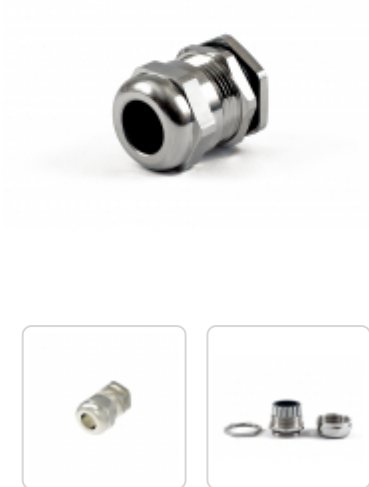


*Quality Products. Service Excellence.*

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

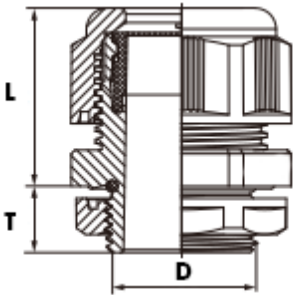
IP68, UL Listed. PG & Metric

### 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 | Mounting Hole | Wire Diameter |     | Outer Length | Inner Thread Length |
|-------------|---------------------|-------------|---------------|---------------|-----|--------------|---------------------|
|             |                     | (D)         | Diameter      | Min           | Max | (L)          | (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                   |

| Part Number | Material            | Thread Size | Mounting Hole | Wire Diameter |     | Outer Length | Inner Thread Length |
|-------------|---------------------|-------------|---------------|---------------|-----|--------------|---------------------|
|             |                     | (D)         | Diameter      | Min           | Max | (L)          | (T)                 |
| 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 | Mounting Hole | Wire Diameter |     | Outer Length | Inner Thread Length |
|-------------|---------------------|-------------|---------------|---------------|-----|--------------|---------------------|
|             |                     | (D)         | Diameter      | Min           | Max | (L)          | (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) |      | 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   |
| 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

