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

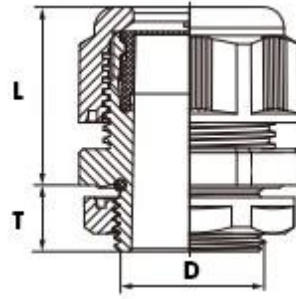
IP68, UL Listed. PG & Metric



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.
- 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 |
| 1427BCGPG21 | Nickel Plated Brass | PG21 | 29 | 13 | 18 | 24 | 7 |
| Part Number | Material | Thread Size | Mounting Hole | Wire Diameter | | Outer Length | Inner Thread Length |
| (D) | Diameter | Min | Max | (L) | (T) | | |
| 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 |

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Liquid-Tight Cordgrips (Nickel Plated Brass) (1427BCG Series) - Hammond Mfg.

| | | | | |
|-------------|----|----|-----|-----|
| 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 grips**

Data subject to change without notice

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