

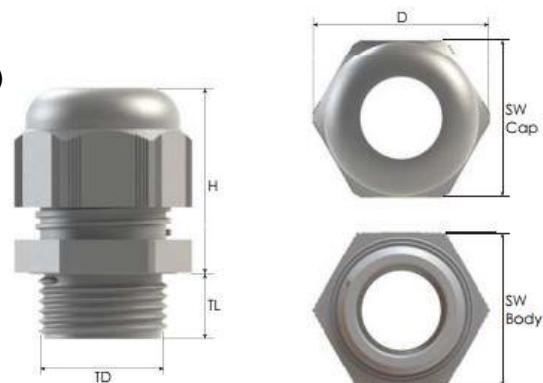
**ALPHA WIRE COMPANY**  
**CUSTOMER PRODUCT SPECIFICATION**

Part Numbers: PPC7-PPC29  
Spec Number: PPC  
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Issue: 2  
Issue Date: 02/27/2018  
Effective Date: 02/27/2018

**A. Technical Details**

- 1) Material
  - a) Body PA 6 (Polyamide 6)
  - b) Cap PA 6 (Polyamide 6)
  - c) Seal CR (Chloroprene Rubber)
- 2) Color
  - a) Gray, RAL 7001
  - b) Black, RAL 9005
- 3) Protection Class
  - a) IP 68 5 Bar, 30 min
  - b) IP 66
- 4) Flammability
  - a) V2 (According to UL94)
- 5) Temperature Rating
  - a) Permanent -20°C to +100°C
  - b) Intermittent -30°C to +150°C
- 6) Thread Type
  - a) PG according to DIN 40430
- 7) Approvals
  - a) UL UL 514
  - b) CSA CSA C22.2



| Size    | Clamping Range<br>Ø min-max |             | Thread Length<br>TL |       | Thread Ø<br>TD |       | Spanner Width |       |    |       | Outer Ø<br>D |       | Height<br>H |       | Part Number |
|---------|-----------------------------|-------------|---------------------|-------|----------------|-------|---------------|-------|----|-------|--------------|-------|-------------|-------|-------------|
|         | mm                          | inch        | mm                  | inch  | mm             | inch  | mm            | Inch  | mm | Inch  | mm           | inch  | mm          | inch  |             |
| PG 7    | 3,0-6,5                     | 0.118-0.256 | 8                   | 0.315 | 12,5           | 0.492 | 15            | 0.591 | 15 | 0.591 | 16,9         | 0.665 | 22,0        | 0.866 | PPC7        |
| PG 9    | 4,0-8,0                     | 0.157-0.315 | 8                   | 0.315 | 15,2           | 0.598 | 19            | 0.748 | 19 | 0.748 | 21,9         | 0.862 | 26,5        | 1.043 | PPC9        |
| PG 11   | 5,0-10,0                    | 0.197-0.394 | 8                   | 0.315 | 18,6           | 0.732 | 22            | 0.866 | 22 | 0.866 | 25,0         | 0.984 | 29,0        | 1.142 | PPC11       |
| PG 13.5 | 6,0-12,0                    | 0.236-0.472 | 10                  | 0.394 | 20,4           | 0.803 | 24            | 0.945 | 24 | 0.945 | 27,0         | 1.063 | 29,0        | 1.142 | PPC13       |
| PG16    | 10,0-14,0                   | 0.394-0.551 | 10                  | 0.394 | 22,5           | 0.886 | 27            | 1.063 | 27 | 1.063 | 30,9         | 1.216 | 31,0        | 1.22  | PPC16       |
| PG 21   | 13,0-18,0                   | 0.512-0.709 | 11                  | 0.433 | 28,3           | 1.114 | 33            | 1.299 | 33 | 1.299 | 38,0         | 1.496 | 37,0        | 1.457 | PPC21       |
| PG 29   | 18,0-25,0                   | 0.709-0.984 | 11                  | 0.433 | 37,0           | 1.457 | 42            | 1.654 | 42 | 1.654 | 47,3         | 1.862 | 41,0        | 1.614 | PPC29       |

**B. Packaging Requirements**

- 1) Standard Package 10 glands per package

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