

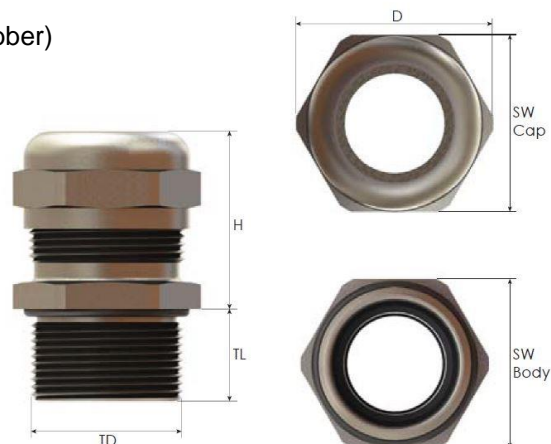
**ALPHA WIRE COMPANY**  
**CUSTOMER PRODUCT SPECIFICATION**

**Part Numbers: MPG7-MPG29**  
**Spec Number: MPG**  
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**Issue: 1**  
**Issue Date: 02/27/2018**  
**Effective Date: 02/27/2018**

**A. Technical Details**

- 1) Material
  - a) Body Brass, Nickel plated
  - b) Cap Brass, Nickel plated
  - c) Seal CR (Chloroprene Rubber)
  - d) Clamping Insert PA 6 (Polyamide 6)
  - e) O-Ring NBR
- 2) Protection Class
  - a) IP 68 5 Bar, 30 min
  - b) IP 66
- 3) Flammability
  - a) V2 (According to UL94)
- 4) Temperature Rating
  - a) Permanent -20°C to +100°C
  - b) Intermittent -40°C to +150°C
- 5) Approvals
  - a) UL UL 514



Size	Clamping Range Ø min-max		Thread Length TL		Thread Ø TD		Spanner Width				Outer Ø D		Max. Height H		Part Number
	mm	inch	mm	inch	mm	inch	SW CAP		SW BODY		mm	inch	mm	inch	
PG 7	3,0-6,5	0.118-0.256	6,0	0.236	12,5	0.492	14	0.551	14	0.551	15,5	0.61	22,0	0.866	MPG7
PG 9	4,0-8,0	0.157-0.315	6,0	0.236	15,2	0.598	17	0.669	17	0.669	18,9	0.744	23,5	0.925	MPG9
PG 11	5,0-10,0	0.197-0.394	6,0	0.236	18,6	0.732	20	0.787	20	0.787	22,0	0.866	26,0	1.023	MPG11
PG 13.5	6,0-12,0	0.236-0.473	6,5	0.256	20,4	0.803	22	0.866	22	0.866	24,5	0.965	24,5	0.965	MPG13
PG 16	10,0-14,0	0.394-0.551	6,5	0.256	22,5	0.886	24	0.945	24	0.945	26,5	1.043	28,0	1.102	MPG16
PG 21	13,0-18,0	0.512-0.709	7,2	0.283	28,3	1.114	30	1.181	30	1.181	33,0	1.3	32,5	1.28	MPG21
PG 29	18,0-25,0	0.709-0.984	8,0	0.315	37,0	1.457	40	1.575	40	1.575	44,5	1.752	38,5	1.516	MPG29

**B. Packaging Requirements**

- 1) Standard Package 10 glands per package

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