

**ALPHA WIRE COMPANY  
CUSTOMER PRODUCT SPECIFICATION**

**Part Numbers: MES12-MES32**  
**Spec Number: MES**  
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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 mm	Thread Length TL mm	Thread Ø TD mm	Spanner Width		Outer Ø D mm	Max Height H mm	Part Number
				SW Cap mm	SW Body mm			
M-12x1.5	3,0-6,5	6,0	12	14	14	15,5	22,0	MES12
M-16x1.5	5,0-10,0	7,0	16	20	20	22,0	28,5	MES16
M-20x1.5	6,0-12,0	8,0	20	22	22	24,5	26,5	MES20
M-25x1.5	11,0-17,0	8,0	25	27	27	30,0	32,5	MES25
M-32x1.5	15,0-21,0	8,0	32	34	34	37,0	36,0	MES32
M-40x1.5	19,0-28,0	9,0	40	43	43	48,4	43,5	MES40

**B. Packaging Requirements**

- 1) Standard Package 10 glands per package

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