

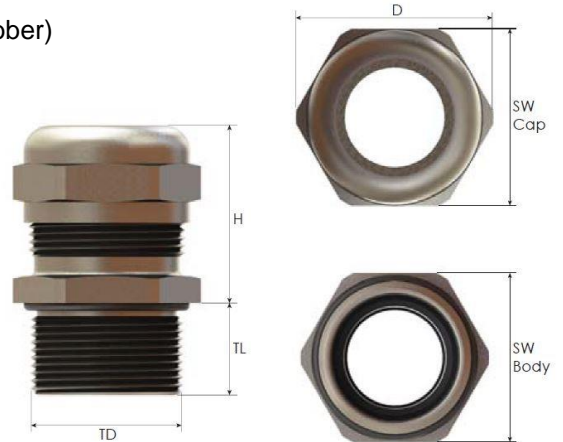
**ALPHA WIRE COMPANY**  
**CUSTOMER PRODUCT SPECIFICATION**

Part Numbers: MES12-MES32  
Spec Number: MES  
Page 1 of 1 Pages

Issue: 1  
Issue Date: 02/27/2018  
Effective Date: 02/27/2018

**A. Technical Details**

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| <ul style="list-style-type: none"> <li>1) Material             <ul style="list-style-type: none"> <li>a) Body</li> <li>b) Cap</li> <li>c) Seal</li> <li>d) Clamping Insert</li> <li>e) O-Ring</li> </ul> </li> <li>2) Protection Class             <ul style="list-style-type: none"> <li>a) IP 68</li> <li>b) IP 66</li> </ul> </li> <li>3) Flammability             <ul style="list-style-type: none"> <li>a) V2</li> </ul> </li> <li>4) Temperature Rating             <ul style="list-style-type: none"> <li>a) Permanent</li> <li>b) Intermittent</li> </ul> </li> <li>5) Approvals             <ul style="list-style-type: none"> <li>a) UL</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>Brass, Nickel plated</li> <li>Brass, Nickel plated</li> <li>CR (Chloroprene Rubber)</li> <li>PA 6 (Polyamide 6)</li> <li>NBR</li> <li>5 Bar, 30 min</li> <li>(According to UL94)</li> <li>-20°C to +100°C</li> <li>-40°C to +150°C</li> <li>UL 514</li> </ul> |
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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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