

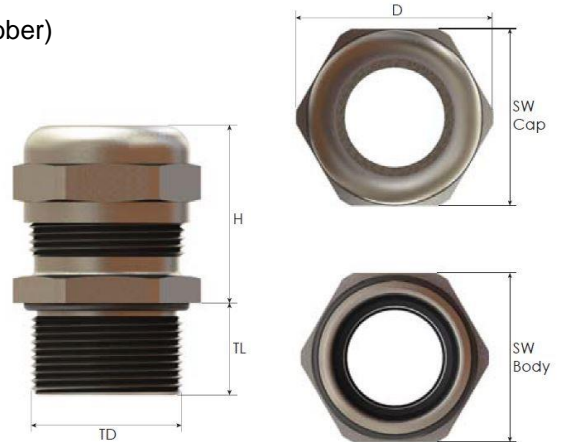
**ALPHA WIRE COMPANY**  
**CUSTOMER PRODUCT SPECIFICATION**

Part Numbers: MNPT3/8-MNPT1  
Spec Number: MNPT  
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Issue: 1  
Issue Date: 02/27/2018  
Effective Date: 02/27/2018

**A. Technical Details**

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| <p>1) Material</p> <p style="margin-left: 20px;">a) Body<br/>b) Cap<br/>c) Seal<br/>d) Clamping Insert<br/>e) O-Ring</p> <p>2) Protection Class</p> <p style="margin-left: 20px;">a) IP 68<br/>b) IP 66</p> <p>3) Flammability</p> <p style="margin-left: 20px;">a) V2</p> <p>4) Temperature Rating</p> <p style="margin-left: 20px;">a) Permanent<br/>b) Intermittent</p> <p>5) Approvals</p> <p style="margin-left: 20px;">a) UL</p> | <p>Brass, Nickel plated<br/>Brass, Nickel plated<br/>CR (Chloroprene Rubber)<br/>PA 6 (Polyamide 6)<br/>NBR</p> <p>5 Bar, 30 min</p> <p>(According to UL94)</p> <p>-20°C to +100°C<br/>-40°C to +150°C</p> <p>UL 514</p> |
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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	
<b>NPT 3/8"</b>	4,0-8,0	0.157-0.315	11,5	0.453	17,14	0.673	17	0.669	19	0.748	21,0	0.827	23,0	0.906	MNPT3/8
<b>NPT 1/2"</b>	6,0-12,0	0.236-0.472	13,0	0.512	21,34	0.839	22	0.866	22	0.866	24,5	0.965	25,5	1.004	MNPT1/2
<b>NPT 3/4"</b>	13,0-18,0	0.512-0.709	13,0	0.512	26,67	1.051	30	1.181	30	1.181	33,0	1.299	35,5	1.398	MNPT3/4
<b>NPT 1"</b>	18,0-25,0	0.709-0.984	13,0	0.512	33,40	1.315	40	1.575	43	1.693	48,5	1.909	43,0	1.693	MNPT1

**B. Packaging Requirements**

- 1) Standard Package 10 glands per package

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