ALPHA WIRE COMPANY CUSTOMER PRODUCT SPECIFICATION

Part Numbers: MNPT3/8-MNPT1 Issue: 1

Spec Number: MNPT Issue Date: 02/27/2018
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A. Technical Details

1) Material

a) Bodyb) Cap

c) Seal

d) Clamping Insert

e) O-Ring

2) Protection Class

a) IP 68

b) IP 66

3) Flammability

a) V2

4) Temperature Rating

a) Permanent

b) Intermittent

5) Approvals

a) UL

Brass, Nickel plated Brass, Nickel plated

CR (Chloroprene Rubber)

PA 6 (Polyamide 6)

NBR

5 Bar, 30 min

(According to UL94)

-20°C to +100°C

-40°C to +150°C

UL 514







Size	Clamping Range Ø min-max		Thread Length TL		Thread Ø TD		Spanner Wid			BODY	Outer Ø D		Max. Height H		Part Number
	mm	inch	mm	inch	mm	inch	mm	Inch	mm	Inch	mm	inch	mm	inch	
NPT 3/8"	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
NPT 1/2"	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
NPT 3/4"	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
NPT 1"	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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