

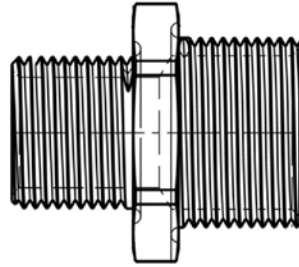
DATA SHEET:

# MALE X MALE ADAPTORS

Male x Male Adaptors are used to connect two female threads, maintaining the hazardous location certification and the overall integrity of the installation.



Type: M1



## Approvals & Specifications

**ATEX/IECEX** Exd IIC Gb & Exe IIC Gb & Ex tb IIIC Db IP6X  
IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-7,  
IEC/EN 60079-31, ATEX/94/9/EC

**NEC/CEC** Class I, Division 1 Groups ABCD  
**Class II, EFG, Class III**  
(>M50 Groups CD only)  
UL1203, UL514B, UL50  
C22.2 Nos. 30, 0.5, 0-M, 45, 18.3-04, 94-M91

**AExd IIC / AExe II Class I, Zone 1**

**Thread Gauging** Metric: 1.5mm Pitch- Medium Fit 6g  
(Sizes M80 and larger are 2.0mm pitch as Standard)  
NPT: Male L1 +/-1 Turn  
Other Thread Forms Available on Application

**Material Options** Nickel Plated Brass 'N' (-100 to + 150°C)  
316 Stainless Steel 'S' (-100 to +850°C)

**'O' Ring Options** Nitrile (-30 to +90°C)  
Silicone (-50 to +230°C)  
Nitrile 'O' ring supplied as standard on versions with parallel male threads

**Ingress Protection** With 'O' Ring or Thread Sealant, (Non-Hardening)  
IP 66 68, NEMA 4X 316SS &  
**Nickel Plated Brass**  
Without 'O' Ring or Thread Sealant, IP54

**Impact Resistance** 7Nm

## Part Number Structure

Example - M1.20.½.N.NT

- Adaptor with hexagon body
- M20 Male Thread
- ½" NPT Male Thread
- Nickel Plated Brass
- Nitrile 'O' Ring

Product		Body Style				
M	M x M Adaptor	1	Hexagonal			
		2	Diameter			
Thread Designation						
Metric	NPT	NPS	ISO	ISO	ET	PG
16	½	½S	½P	½T	½E	7
20	¾	¾S	¾P	¾T	¾E	9
25	1	1S	1P	1T	1E	11
32	1¼	1¼S	1¼P	1¼T	1¼E	13
40	1½	1½S	1½P	1½T	1½E	16P
50	2	2S	2P	2T	2E	21
63	2½	2½S	2½P	2½T	2½E	29
75	3	3S	3P	3T	3E	36
80	3½	3½S	3½P	3½T		42
85	4	4S	4P	4T		48
90						
95						
100						
<i>Note: Metric sizes M80 and larger are 2.0mm pitch is Standard, for 1.5mm pitch add *</i>						
Material			'O' Ring			
N	Nickel Plated Brass		NT	Nitrile (Std.)		
S	316 Stainless Steel		SC	Silicone		