

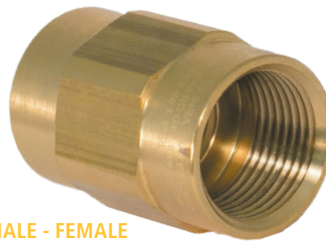
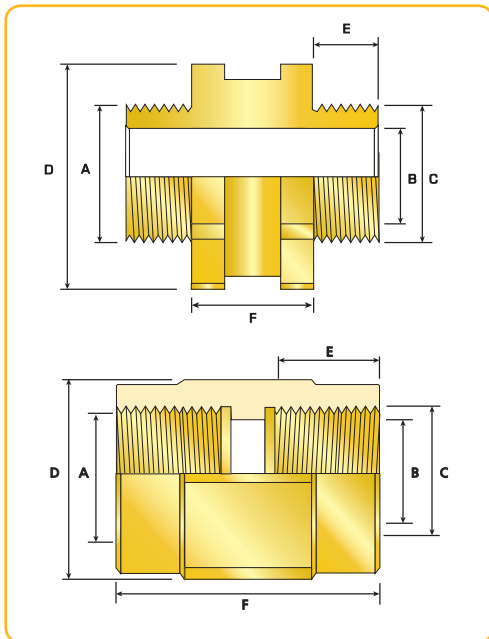


797

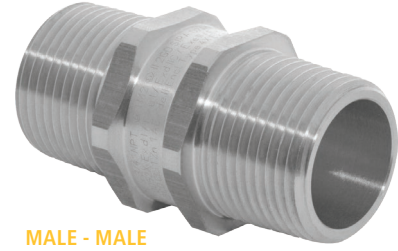
Ex e Ex d Ex ta

797 Male - Male or Female - Female Adaptor, Globally Approved, Explosive Atmosphere Cable / Conduit Accessory

- Designed to convert existing threads
- General purpose / industrial version available
- Supplied with male or female threads
- Can be supplied with thread conversion
- Equipment interface 'O' ring seal available on male-male
- -60°C to +200°C
- Globally marked, IECEx, ATEX & cCSAus
- Can be used with 737 (not Ex d direct entry applications)



FEMALE - FEMALE



MALE - MALE

TECHNICAL DATA	
Design Specification	BS 6121:Part 1:1989
Enclosure Protection	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel Only
ATEX Certificate	SIRA13ATEX1265X
Code of Protection	Ⓜ II 2 G Ex d IIC Gb, Ex e IIC Gb, II 1 D Ex ta IIC Da Ⓜ IM2 Ex d I Mb, Ex e I Mb
Compliance Standards	EN 60079-0,1,7,31
IECEx Certificate	IECEx SIR13.0094X, IECEx SIM 15.0002X
Code of Protection	Ex d I Mb/ Ex e I Mb/ Ex d IIC Gb / Ex e IIC Gb / Ex ta IIC Da
Compliance Standards	IEC 60079-0,1,7,31
cCSAus Certificate	1055233
Code of Protection	Ex de II; Class I, Groups A, B, C and D; Class I, Zone 1, AEx de II; IP66, 67, and 68, Enclosure Type 4X.
Compliance Standards	C22.2 No. 0, 0.5-M1982, 30, 94, CAN/CSA E60079-0,1,7, UL 50, Edition 11, UL 1203, Edition 4, UL 60079-0,1,7
EAC Certificate	TC RU C-GB.AA87.B.00487
UkrSEPRO	UA.TR.047.C.0644-15
KCs KOSHA Certificate	14-GA4B0-0250X
CCOE / PESO (India) Certificate	P333688
NEPSI Certificate	GYJ18.1254U
INMETRO Approval	TÜV 12.1332X
RETIE Approval	03866
Marine Approvals	LRS: 01/00173, ABS: 17-LD1619350-PDA
Ingress Protection Rating**	IP66, IP67 & IP68***
Available Materials	Brass, Electroless Nickel Plated Brass, Aluminium, Stainless Steel

** When CMP installation accessories are used. Refer to page 7 or www.cmp-products.com for further information.
 *** IP68 tested to a minimum depth of 30 metres for 12 hours, alternate depths / durations can be provided upon request

HOW TO ORDER

e.g. 797 - D - M - 3 - F - M - 3 - F - 5

= Dual Certified Ex d & Ex e - M25 (F) x M25 (F) - Nickel Plated Brass

Other Thread Variations are available on request. For further information on ordering please refer to page 150.

Product Selection Table									
Type	Ordering Reference	Male/Female Forward Thread Size "C"	Minimum Thread Length "E"	Male/Female Rear Thread "A"	Across Flats "D"	Across Corners "D"	Bore Diameter "B"	Protrusion "F"	Installation Torque (Nm)
Female	797DM1FM1F	M16 X 1.5	15.0	M16 X 1.5	24.0	26.4	14.0	34.0	7
	797DM2FM2F	M20 X 1.5	15.0	M20 X 1.5	24.0	25.9	14.0	36.0	7
	797DM3FM3F	M25 X 1.5	15.0	M25 X 1.5	30.5	33.6	16.0	36.6	10
	797DM4FM4F	M32 X 1.5	15.0	M32 X 1.5	37.6	41.4	27.7	37.0	15
	797DM5FM5F	M40 X 1.5	15.0	M40 X 1.5	50.0	54.0	33.0	37.6	25
	797DM6FM6F	M50 X 1.5	15.0	M50 X 1.5	60.0	66.0	45.5	40.6	30
	797DM7FM7F	M63 X 1.5	15.0	M63 X 1.5	70.0	77.0	57.5	40.6	45
	797DM8FM8F	M75 X 1.5	15.0	M75 X 1.5	80.0	88.0	68.2	37.0	45
	797DM9FM9F	M90 X 2.0	24.0	M90 X 2.0	100.0	110.0	82.0	52.0	45
	797DM10FM10F	M100 X 2.0	24.0	M100 X 2.0	108.0	118.8	91.0	52.0	45
Male	797DM1MM1M	M16 X 1.5	15.0	M16 X 1.5	24.0	26.4	10.0	18.0	7
	797DM2MM2M	M20 X 1.5	15.0	M20 X 1.5	24.0	26.4	14.0	18.0	7
	797DM3MM3M	M25 X 1.5	15.0	M25 X 1.5	30.5	33.5	20.0	18.0	10
	797DM4MM4M	M32 X 1.5	15.0	M32 X 1.5	36.0	39.6	26.8	20.0	15
	797DM5MM5M	M40 X 1.5	15.0	M40 X 1.5	46.0	50.6	32.7	20.0	25
	797DM6MM6M	M50 X 1.5	15.0	M50 X 1.5	55.0	60.5	44.1	20.0	30
	797DM7MM7M	M63 X 1.5	15.0	M63 X 1.5	70.1	77.1	55.6	20.0	45
	797DM8MM8M	M75 X 1.5	15.0	M75 X 1.5	80.0	88.0	65.6	21.0	45
	797DM9MM9M	M90 X 2.0	24.0	M90 X 2.0	100.0	110.0	82.0	23.0	45
	797DM10M10M	M100 X 2.0	24.0	M100 X 2.0	108.0	118.8	91.1	23.0	45

All dimensions shown are in millimetres unless otherwise stated