



784

Ex e Ex d Ex ta

784 45° Union, Globally Approved, Explosive Atmosphere Cable / Conduit Accessory

- Allows the connection of conduit or glands to equipment
- Suitable for rigid or flexible conduit
- Integral coupling eliminates the need to rotate the conduit
- General Purpose / industrial version available
- Equipment interface 'O' ring seal available
- -60°C to 200°C
- Globally marked, IECEx, ATEX & cCSAus

Male-to-Male thread option available.

Available with an equipment interface 'O' ring seal. For such options please add the suffix letter "R" after the type number in the ordering reference above, e.g. 784RDM2M2.

If 2 separate enclosures are required to be connected together please contact CMP Products.

Technical Data

Design Specification	BS 6121:Part 1:1989, IEC 62444, EN 62444
Enclosure Protection	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
ATEX Certification	SIRA10ATEX1306U
Code of Protection	II 2 GD Ex d IIC Gb, Ex e IIC Gb, Ex ta IIIC Da IP6X IM2 Ex d I Mb / Ex e I Mb
Compliance Standards	EN 60079-0,1,7,31
IECEx Certificate	IECEx SIR 10.0148U
Code of Protection	Ex d IIC Gb, Ex e IIC Gb, Ex ta IIIC Da IP6X, Ex d I Mb, Ex e I Mb
Compliance Standards	IEC 60079-0,1,7,31
cCSAus Certificate	1055233
Code of Protection	Class I, Div 1 & 2, Groups A,B,C,D; Enclosure type 4X : Class I, Zone 1, AEx de II; Ex de II
Compliance Standards	C22.2 No.0,0.5,30,94, CAN/CSA E60079-0,1,7, CAN/CSA E61241-1, UL Std 50, 1203, UL 60079-0,1,7
EAC Certificate (Formerly GOST R, K & B)	TC RU C-GB.T505.B00138
INMETRO Approval	TÜV 12.1334U
Ingress Protection Rating	IP66 when fitted with a CMP 'O' ring or Entry Thread Seal**
Available Materials	Brass (standard), Electroless Nickel Plated Brass, Aluminium, Stainless Steel

Note : ** Refer to page 7 or www.cmp-products.com for further information on Ingress Protection Ratings

Product Selection Table

METRIC				NPT				Bore Diameter "C"	Max Protrusion Length "D"	Max Overhang Length "F"	Across Flats Hex "G"	Across Corners Ø "G"	Installation Torque (Nm)
Ordering Reference (Brass, Metric)	Male Forward Thread Size "A"	Minimum Thread Length "E"	Female Rear Thread Size "B"	Ordering Reference (Brass, NPT)	Male Forward NPT Thread Size "A"	Minimum NPT Thread Length "E" (in)	Female Rear Thread Size "B"						
784DM2M2	M20 X 1.5	15.0	M20 X 1.5	784DT1T1	1/2"	0.79	1/2"	14.3	60.6	55.8	46.0	50.6	7
784DM3M3	M25 X 1.5	15.0	M25 X 1.5	784DT2T2	3/4"	0.80	3/4"	20.1	65.9	61.2	50.0	55.0	10
784DM4M4	M32 X 1.5	15.0	M32 X 1.5	784DT3T3	1"	0.98	1"	26.4	69.3	69.7	60.0	66.0	15
784DM5M5	M40 X 1.5	15.0	M40 X 1.5	784DT4T4	1-1/4"	1.01	1-1/4"	32.6	74.9	76.4	65.0	71.5	25
784DM6M6	M50 X 1.5	15.0	M50 X 1.5	784DT5T5	1-1/2"	1.03	1-1/2"	43.0	93.5	87.9	75.0	82.5	30
784DM7M7	M63 X 1.5	15.0	M63 X 1.5	784DT6T6	2"	1.06	2"	53.0	102.7	102.8	90.2	99.2	45

All dimensions shown are in millimetres unless otherwise stated

For material options please add the following suffix to the Ordering Reference; Brass (no suffix required), Nickel Plated Brass "5", 316 Grade Stainless Steel "4", Copper Free Aluminium "1"