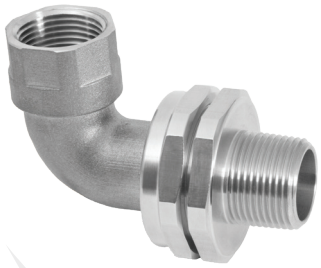
789

789 90° 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, UKEX, IECEx, ATEX and cCSAus

IP66

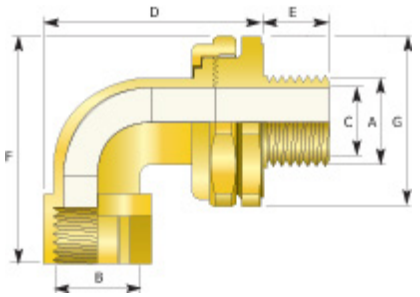
+200˚C
-60˚C

Ex db Ex eb Ex ta

TECHNICAL CLASSIFICATION

DESIGN SPECIFICATION	BS 6121:Part 1:1989
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules) Brass and Stainless Steel only
INGRESS PROTECTION RATING**	IP66
AVAILABLE MATERIALS	Brass (standard), Electroless Nickel Plated Brass, Aluminium, Stainless Steel

** When CMP installation accessories are used. Refer to www.cmp-products.com for further information.



GLOBAL PRODUCT CERTIFICATION

ATEX CERTIFICATE	CML 25ATEX1170X	IECEx CERTIFICATE	IECEx CML 25.0056X
UKEX CERTIFICATE	CML 21UKEX1242U		
CODE OF PROTECTION	Ⓔx II 2G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da Ⓔx I M2, Ex db I Mb*, Ex eb I Mb*	CODE OF PROTECTION	Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da, Ex db I Mb*, Ex eb I Mb*
COMPLIANCE STANDARDS	EN 60079-0,1,7,31	COMPLIANCE STANDARDS	IEC 60079-0,1,7,31
cCSAus CERTIFICATE	1055233		
CODE OF PROTECTION	Class I, Div 1 and 2, Groups A,B,C,D; IP66, 67, 68 Enclosure type 4X: Class I, Zone 1, AEx d e II; Ex d e II		
COMPLIANCE STANDARDS	C22.2 No.30,94; CAN/CSA 60079-0,1,7; CAN/CSA E61241-1-1; UL 50, 1203; UL 60079-0,1,7		
EAC CERTIFICATE	EAЭC KZ 7100841.01.01.07870		
CCC CERTIFICATE	2020322313003177	INMETRO APPROVAL	TÜV 12.1334U
UkrSEPRO CERTIFICATE	СЦ 19.0372X	CCOE / PESO (INDIA) CERTIFICATE	P548696, P533772
MARINE APPROVALS	LRS: LR22320794TA DNV: TAE000000Y ABS : 22-2230864-PDA BV: 43180	ECAS CERTIFICATE	24-03-106290/E24-03-110155/NB0007
SANS	IA MS-XPL21804 21.0013U		

*Aluminium alloys are not permitted in Group I mining applications.

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. 789RDM2M2.

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

PRODUCT SELECTION TABLE

METRIC				NPT				MIN BORE DIAMETER 'C'	MAX PROTRUSION LENGTH 'D'	MAX OVERHANG LENGTH 'F'	ACROSS FLATS HEX 'G'	ACROSS CORNERS Ø 'G'	INSTALLATION TORQUE (NM)	WEIGHT (kg)
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'							
789DM2M2	M20 X 1.5	15.0	M20 X 1.5	789DT1T1	½"	0.78	½"	14.0	62.9	63.8	46.0	50.6	7	0.35
789DM3M3	M25 X 1.5	15.0	M25 X 1.5	789DT2T2	¾"	0.80	¾"	20.1	70.6	69.5	50.0	55.0	10	0.45
789DM4M4	M32 X 1.5	15.0	M32 X 1.5	789DT3T3	1"	0.98	1"	26.0	75.7	78.0	60.0	66.0	15	0.59
789DM5M5	M40 X 1.5	15.0	M40 X 1.5	789DT4T4	1¼"	1.01	1¼"	32.3	83.7	84.8	65.0	71.5	25	0.74
789DM6M6	M50 X 1.5	15.0	M50 X 1.5	789DT5T5	1½"	1.03	1½"	42.7	95.9	96.3	75.0	82.5	30	1.05
789DM7M7	M63 X 1.5	15.0	M63 X 1.5	789DT6T6	2"	1.06	2"	54.7	108.8	115.1	90.0	99.0	45	1.52

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"

Dimensions listed are for metric accessories only. Dimensions for alternative threads may vary.