

**TECHNICAL DATA**

ADAPTOR TYPE	: 777
INGRESS PROTECTION	: IP66, 67, 68, NEMA 4X
PROCESS CONTROL SYSTEM	: BS EN ISO 9001 - 2000 ISO/IEC 80079-34:2011

EXPLOSIVE ATMOSPHERES CLASSIFICATION

ATEX CERTIFICATION No	: SIRAI0ATEX1057U
ATEX CERTIFICATION CODE	: ⓂII 2 GD Ex d IIC Gb / Ex e IIC Gb / Ex ta IIIC Da
IECEX CERTIFICATION No	: IECEX SIR.10.0027U
IECEX CERTIFICATION CODE	: Ex d IIC Gb / Ex e IIC Gb / Ex ta IIIC Da
cCSAus CERTIFICATION No	: 1055233
cCSAus CERTIFICATION CODE	: 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 DIP A

INSTALLATION INSTRUCTIONS

Installation should only be performed by a competent person using the correct tools. Spanners should be used for tightening. Read all instructions before beginning installation.

SPECIAL CONDITIONS FOR SAFE USE

- The Type 777 range of insulated adaptors shall not be used in enclosures where the temperature, at the point of mounting, is outside the range of -60°C to +130°C.
- The Type 777 range of insulated adaptors are to be secured into the associated equipment with the following tightening torque values to maintain their explosion protection concept. Additionally, any cable gland fitted to these adaptors shall be secured to these torque values based upon the largest thread size.

Largest Male or Female Thread Size	M20	M25	M32	M40	M50	M63	M75	M90
Tightening Torque (Nm)	40.0	55.0	65.0	80.0	100.0	115.0	140.0	180.0

ACCESSORIES

The following accessories are available from CMP Products, as optional extras, to assist with fixing, sealing and earthing :-
Locknut | Earth Tag | Serrated Washer | Entry Thread (I.P.) Sealing Washer |

Ordering Reference	Male Thread Size "A"	Minimum Thread Length "E"	Female Thread Size "B"	Maximum Bore Diameter "C"	Normal Protrusion Length "F" (Type A)	Across Flats "D"	Across Corners "D"
777DAM2M2	M20 X 1.5	15.0	M20 X 1.5	14.0	37.8	36.0	39.6
777DAM3M3	M25 X 1.5	15.0	M25 X 1.5	20.0	36.2	46.0	50.6
777DAM4M4	M32 X 1.5	15.0	M32 X 1.5	26.3	35.7	55.0	60.5
777DAM5M5	M40 X 1.5	15.0	M40 X 1.5	32.1	35.7	70.1	77.1
777DAM6M6	M50 X 1.5	15.0	M50 X 1.5	44.2	36.7	80.0	88.0
777DAM7M7	M63 X 1.5	15.0	M63 X 1.5	53.0	38.2	100.0	110.0
777DAM8M8	M75 X 1.5	15.0	M75 X 1.5	64.8	41.2	110.0	123.0
777DAM9M9	M90 X 2.0	24.0	M90 X 2.0	79.3	52.7	132.2	135.5

All dimensions shown are in millimetres unless otherwise stated

NOTE: For Type "A" Insulated Adaptors add "A" after "D" e.g. 777DAM5M5

CMP Products Limited on its sole responsibility declares that the equipment referred to herein conforms to the requirements of the ATEX Directive 2014/34/EU and the following standards: -

EN60079-0:2012, EN60079-1:2007, EN60079-7:2007, EN60079-15:2010, EN60079-31:2009, BS6121:1989, EN62444:2013, EN61241-0:2004, EN61241-1:2004.

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ASSEMBLY FITTING INSTRUCTIONS FOR INSTALLATION OF CMP INSULATED ADAPTOR TYPE 777

FOR ELECTRICALLY INSULATING CABLE GLANDS FROM THE EQUIPMENT TO WHICH THEY ARE MOUNTED. FOR USE IN HAZARDOUS AREAS

INCORPORATING EU DECLARATION OF CONFORMITY TO DIRECTIVE [2014/34/EU]

777 INSULATED ADAPTOR

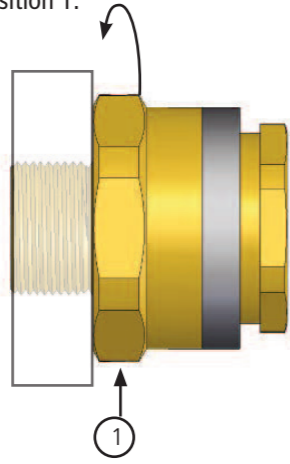


INSTALLATION INSTRUCTIONS FOR INSULATED ADAPTOR TYPE 777 (TYPE A OR B)

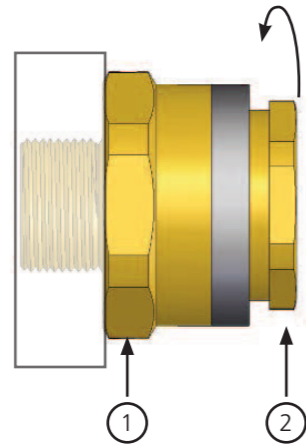
PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE BEGINNING THE INSTALLATION

777 TYPE A (With Metal Insert) - Standard

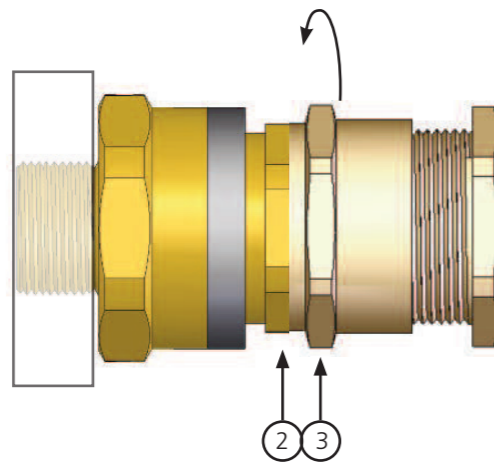
1. Tighten into enclosure using a spanner at position 1.



2. If it is necessary to tighten the components of the insulated adaptor, then spanners should be used at positions 1 and 2. The max torque to be applied is shown on the back page.



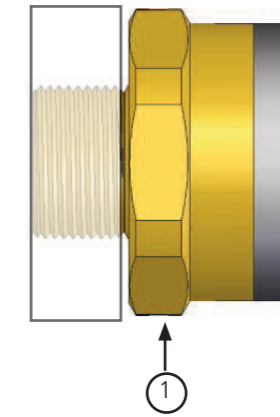
3. Tighten the cable gland into the insulator. Use spanners at position 2 and 3.



777 TYPE A (With Metal Insert) - Standard

N.B. Type B can only be used when fitted with a CMP Cable Gland with metric entry threads.

1. Tighten into enclosure using a spanner at position 1.



2. Tighten the cable gland into the insulated adaptors using spanners at positions 1 and 2. The max torque to be applied is shown on the back page.

