Date Printed:

SCAN FOR INSTALLATION VIDEOS

TECHNICAL DATA

ADAPTOR TYPE : 780
INGRESS PROTECTION : IP66
PROCESS CONTROL SYSTEM : BS EN ISO 9001 - 2000
: ISO/IEC 80079-34:2011

EXPLOSIVE ATMOSPHERES CLASSIFICATION

ATEX CERTIFICATION No : SIRA10ATEX1306U
ATEX CERTIFICATION CODE : Ⓔx II 2 GD Ex d IIC Gb, Ex e IIC Gb, Ex ta IIIC Da IP6X
ATEX CERTIFICATION CODE : Ⓔx IM2 Ex d I Mb / Ex e I Mb
IECEx CERTIFICATION No : IECEx SIR.10.0148U
IECEx CERTIFICATION CODE : Ex d IIC Gb, Ex e IIC Gb, Ex d I Mb, Ex e I Mb, Ex ta IIIC Da IP6X
cCSAus CERTIFICATION No : 1055233
cCSAus CERTIFICATION CODE : Class I, Div 1 and 2, Groups A,B,C,D; Enclosure Type 4X: Class I, Zone 1, AEx de II; Ex de II

INSTALLATION INSTRUCTIONS

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

SPECIAL CONDITIONS FOR SAFE USE

1. Only one union is to be used with any single cable entry on the associated equipement.

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 |

Product Selection Table

METRIC					NPT								
Ordering Reference (Brass, Metric)	Male Forward Thread Size "A"	Minimum Thread Length "E"	Female Rear Thread Size "B"	Bore Diameter "C"	Ordering Reference (Brass, NPT)	Male Forward NPT Thread Size "A"	Minimum NPT Thread Length "E" (in)	Female Rear Thread Size "B"	Bore Diameter "C"	Max Protrusion Length "F"	Across Flats Hex "D"	Across Corners Ø "D"	Installation Torque (Nm)
780DM2M2	M20 X 1.5	15.0	M20 X 1.5	14.3	780DT1T1	1/2"	0.79	1/2"	14.3	36.0	41.0	45.1	7
780DM3M3	M25 X 1.5	15.0	M25 X 1.5	20.1	780DT2T2	3/4"	0.80	3/4"	20.1	36.0	46.0	50.6	10
780DM4M4	M32 X 1.5	15.0	M32 X 1.5	26.4	780DT3T3	1"	0.98	1"	26.4	36.0	52.0	57.2	15
780DM5M5	M40 X 1.5	15.0	M40 X 1.5	32.6	780DT4T4	1-1/4"	1.01	1-1/4"	32.6	36.0	60.0	66.0	25
780DM6M6	M50 X 1.5	15.0	M50 X 1.5	44.2	780DT5T5	1-1/2"	1.03	1-1/2"	40.3	36.0	70.1	77.1	30
780DM7M7	M63 X 1.5	15.0	M63 X 1.5	56.1	780DT6T6	2"	1.06	2"	50.4	36.0	79.0	86.9	45
780DM8M8	M75 X 1.5	15.0	M75 X 1.5	68.1	780DT7T7	2-1/2"	1.57	2-1/2"	60.0	41.0	89.9	98.9	45
780DM9M9	M90 X 2.0	24.0	M90 X 2.0	80.1	780DT8T8	3"	1.63	3"	75.0	41.0	110.0	121.0	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"

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:-

EN60079-0:2009, EN 60079-1:2007, EN60079-7:2007, EN60079-31:2009

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24th June 2015

CE 0518

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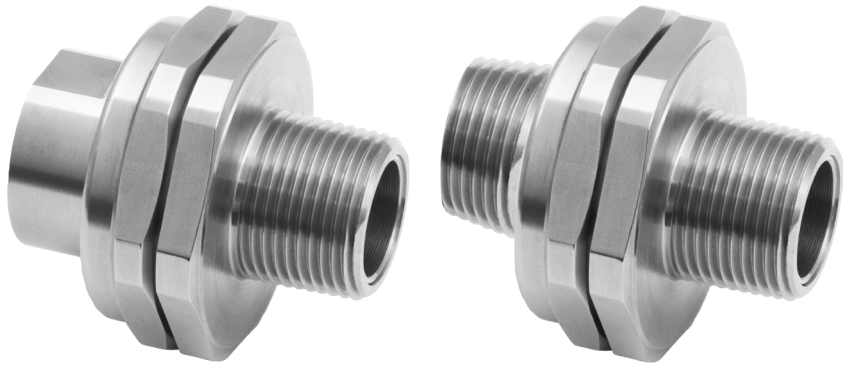
INSTALLATION INSTRUCTIONS FOR UNION TYPE 780

UNION TYPE 780 FOR CONNECTING CONDUITS TO ENCLOSURES OR CONDUITS TO EACH OTHER.

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

TYPE 780 UNION



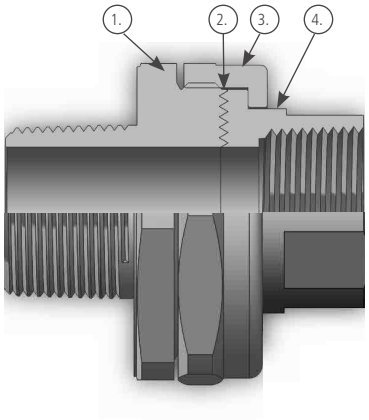
CMP Document No. FI426 Issue 6, IECEx Issue 5, CSA Issue 5

Logo's shown for illustration purposes only. Please check certification for details

INSTALLATION INSTRUCTIONS FOR CMP CABLE GLAND TYPES 780

UNION COMPONENTS - It is not necessary to dismantled the cable gland any further than illustrated below

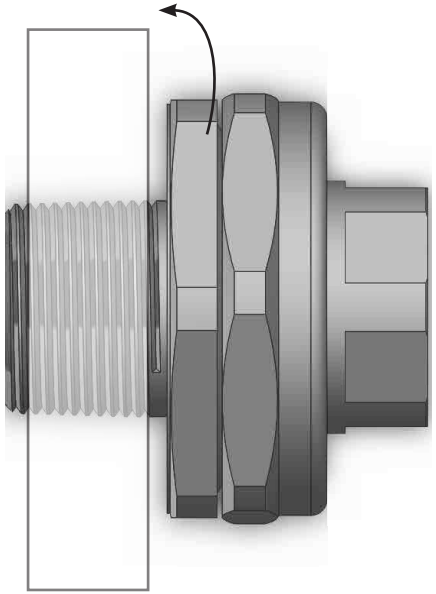
1. Entry Item
2. Serrated Flamepath
3. Nut
4. Conduit Connector



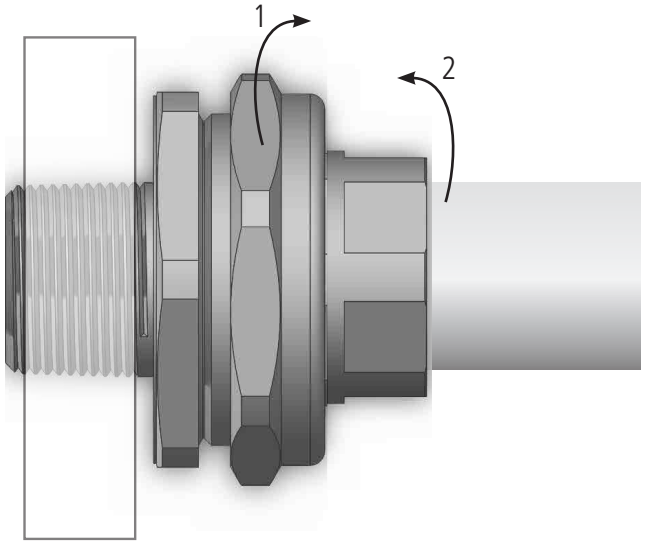
NOTE: THERE IS NO NEED TO DISSASSEMBLE THE UNION

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE BEGINNING THE INSTALLATION

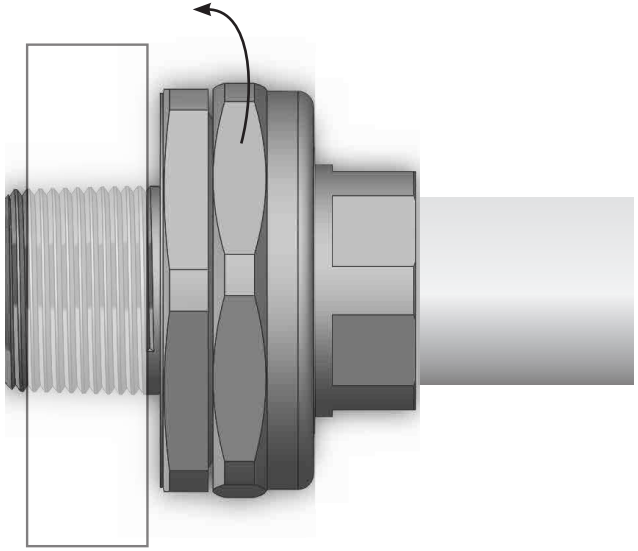
1. Attach the union entry item (1) to the enclosure and fully tighten using a spanner.



2. Slacken the nut (3) slightly to allow the conduit connector to turn relative to the entry item (1). Connect the conduit to the conduit connector and fully tighten.



3. Fully tighten the nut (3) to ensure that the elements forming the serrated flamepath (2) are closely engaged.



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