



PX780REX

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PX780REX In-Line Union, Globally Approved, Explosive Atmosphere Barrier Cable / Conduit Accessory

- RapidEx liquid pour sealing system
 - Enhances reliability, reduces risk
 - Reduces man hours
 - Reduces cost
- 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 +85°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. PX780REXRDM2M2.

For epoxy compound version please remove "REX" from ordering reference.

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.ГБ05.В00138
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

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

Product Selection Table

METRIC				NPT				Diameter Over Cores "C"	Max. Number of Cores	Protrusion Length "F"	Across Flats Hex "D"	Across Corners Ø "D"	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"						
PX780REXDM2M2	M20 X 1.5	15.0	M20 X 1.5	PX780REXDT1T1	1/2"	0.79	1/2"	12.6	11	36.0	46.0	50.6	7
PX780REXDM3M3	M25 X 1.5	15.0	M25 X 1.5	PX780REXDT2T2	3/4"	0.80	3/4"	17.5	21	36.0	50.0	55.0	10
PX780REXDM4M4	M32 X 1.5	15.0	M32 X 1.5	PX780REXDT3T3	1"	0.98	1"	23.6	38	36.0	60.0	66.0	15
PX780REXDM5M5	M40 X 1.5	15.0	M40 X 1.5	PX780REXDT4T4	1-1/4"	1.01	1-1/4"	30.0	59	36.0	65.0	71.5	25
PX780REXDM6M6	M50 X 1.5	15.0	M50 X 1.5	PX780REXDT5T5	1-1/2"	1.03	1-1/2"	41.0	89	36.0	75.0	82.5	30
PX780REXDM7M7	M63 X 1.5	15.0	M63 X 1.5	PX780REXDT6T6	2"	1.06	2"	53.7	115	36.0	90.2	99.2	45
PX780REXDM8M8	M75 X 1.5	15.0	M75 X 1.5	PX780REXDT7T7	2-1/2"	1.57	2-1/2"	64.3	140	39.0	99.3	109.2	45
PX780REXDM9M9	M90 X 2.0	24.0	M90 X 2.0	PX780REXDT8T8	3"	1.63	3"	75.3	200	42.0	120.0	132.0	45
PX780REXDM10M10	M100 X 2.0	24.0	M100 X 2.0	-	-	-	-	84.0	200	94.0	145.0	159.5	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"