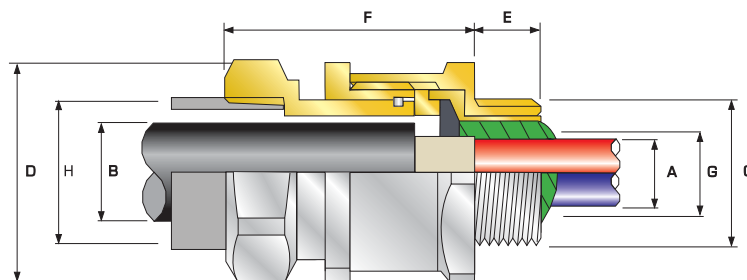




RAPIDEx



PXRCREX

Ex e Ex d Ex ta

PXRCREX Globally Approved, Explosive Atmosphere RapidEx Barrier Cable Gland

For all types of Unarmoured & Braid Cables housed in Conduit

- RapidEx liquid pour sealing system
 - Enhances reliability, reduces risk
 - Reduces man hours
 - Reduces cost
- Designed for rigid & flexible conduits
- Easy install running coupler design
- Compound barrier type flameproof seal
- -60°C to +85°C
- Class I Zone 1, 21 and Zone 2, 22
- Internationally marked, IECEx & ATEX



THREAD OPTION ORDERING EXAMPLES

Ordering Reference	Male Thread	Female Thread
20PXRCREX1RA	M20	M20
20PXRCREX1RA031	M20	1/2" NPT
20PXRCREX1RA03131	1/2" NPT	1/2" NPT
20PXRCREX1RA03102	1/2" NPT	M20

Note: Alternative conduit sizes available upon request.

See cable gland selection table below for full NPT & Metric thread ordering references

TECHNICAL DATA

Design Specification	BS 6121:Part 1:1989, IEC 62444, EN 62444
Mechanical Classifications*	Impact = Level 8, Retention = Class B
Enclosure Protection	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
ATEX Certificate	SIRA13ATEX1072X
Code of Protection	II 2G, II 1D, Ex d IIC Gb, Ex e IIC Gb, Ex ta IIIC Da
Compliance Standards	EN 60079-0,1,7,31
IECEx Certificate	IECEx SIR 13.0027X, IECEx SIM 14.0008X
Code of Protection	Ex d IIC Gb, Ex e IIC Gb, Ex ta IIIC Da
Compliance Standards	IEC 60079-0,1,7,31
NEPSI Certificate	GY13.1140X / GY13.1282X
INMETRO Approval	TÜV 12.2073X
EAC Certificate (Formerly GOST R, K & B)	TC RU C-GB.ГБ05.В.01271
UkrSEPRO	UA.TR.047.C.0644-15
CCOE / PESO (India) Certificate	P333688
RETIE Approval Number	03866
Marine Approvals	LRS: 01/00172 (E3) DNV: E-13848 ABS: 14-LD234401A-4-PDA
Ingress Protection Rating	IP66**
Cable Gland Material	Brass, Electroless Nickel Plated Brass, Aluminium, Stainless Steel
Seal Material	RapidEx Barrier Compound
Cable Type	Unarmoured
Sealing Area(s)	RapidEx Resin Barrier

* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444

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

Cable Gland Selection Table

Refer to illustration at the top of the page.

Dimensions listed below are for metric cable glands only
Dimensions for alternative threads may vary, please see supplementary technical data sheet

Cable Gland Size	Available Entry Threads "C" (Alternate Metric Thread Lengths Available)					Max Number Of Cores	Standard Female Connection Thread "H"	Diameter Over Conductors "A"	Cable Bedding Diameter "G"	Overall Cable Diameter "B"	Across Flats "D"	Across Corners "D"	Protrusion Length "F"	Combined Ordering Reference (*Brass Metric)			Shroud	Cable Gland Weight (Kgs)
	Standard				Option									Size	Type	Ordering Suffix		
	Metric	Thread Length (Metric) "E"	NPT	Thread Length (NPT) "E"	NPT			Max	Max	Max	Max	Max						
20	M20	15.0	1/2"	19.9	3/4"	11	M20	12.6	12.9	13.9	30.0	33.0	45.9	20	PXRCREX	1RA	PVC06	0.170
25	M25	15.0	3/4"	20.2	1"	21	M25	17.5	17.9	19.9	41.0	45.1	53.6	25	PXRCREX	1RA	PVC09	0.330
32	M32	15.0	1"	25.0	1 1/4"	38	M32	23.6	23.9	26.2	41.0	45.1	51.8	32	PXRCREX	1RA	PVC10	0.320
40	M40	15.0	1 1/4"	25.6	1 1/2"	59	M40	30.0	30.3	32.3	50.0	55.0	48.6	40	PXRCREX	1RA	PVC13	0.420
50S	M50	15.0	1 1/2"	26.1	2"	89	M50	36.6	36.9	38.9	55.0	60.5	59.1	50S	PXRCREX	1RA	PVC15	0.570
50	M50	15.0	2"	26.9	2 1/2"	89	M50	41.0	41.3	44.2	60.0	66.0	64.0	50	PXRCREX	1RA	PVC18	0.610
63S	M63	15.0	2"	26.9	2 1/2"	115	M63	47.9	48.4	50.0	70.1	77.1	62.6	63S	PXRCREX	1RA	PVC21	0.940
63	M63	15.0	2 1/2"	39.9	3"	115	M63	53.7	54.0	58.0	75.0	82.5	64.6	63	PXRCREX	1RA	PVC23	0.890
75S	M75	15.0	2 1/2"	39.9	3"	140	M75	59.9	60.2	62.4	84.0	92.4	71.7	75S	PXRCREX	1RA	PVC27	1.290
75	M75	15.0	3"	41.5	3 1/2"	140	M75	64.3	64.2	68.1	85.0	93.5	71.2	75	PXRCREX	1RA	PVC27	1.160
90	M90	24.0	3 1/2"	42.8	4"	200	M90	75.3	75.6	80.1	108.0	118.8	87.3	90	PXRCREX	1RA	PVC31	2.630

* For material options 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'

For NPT male and / or female options please add the following digits to the material suffix (See Thread Options table above): 1/2" = 31, 3/4" = 32, 1" = 33, 1 1/4" = 34, 1 1/2" = 35, 2" = 36, 2 1/2" = 37, 3" = 38, 3 1/2" = 39, 4" = 310 (Brass requires prefix "0")
When NPT male & Metric female product option is required, please add the following digits to the material and NPT male suffix (See Thread Options table above): M20 = 02, M25 = 03, M32 = 04, M40 = 05, M50 = 06, M63 = 07, M75 = 08, M90 = 09 (Brass requires prefix "0")

Examples: 32PXRCREX1RA53 = Nickel Plated Brass M32 male x 1" NPT female; 20S16PXRCREX1RA031 = Brass M20 male x 1/2" NPT female; 25PXRCREX1RA43202 = Stainless Steel 3/4" NPT male x M25 female; 20PXRCREX1RA5 = Nickel Plated Brass M20 male & female

Dimensions are displayed in millimetres unless otherwise stated