

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
- Internationally marked, IECEx & ATEX
- Once any cable inner sheath/bedding has been removed, the RapidEx liquid resin barrier seals directly around the internal cable cores, completely eliminating any risk of coldflow on all cable types



IP66

+85°C
↑
-60°C

DELUGE PROTECTED

ExnR

Ex eb

Ex db

Ex ta

TECHNICAL CLASSIFICATION

DESIGN SPECIFICATION	BS 6121:Part 1:1989, IEC 62444, EN 62444
MECHANICAL CLASSIFICATION*	Impact = Level 8, Cable Anchorage = Class B
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
INGRESS PROTECTION RATING**	IP66
CABLE TYPE	Unarmoured
SEAL MATERIAL	RapidEx Barrier Compound
SEALING AREA(S)	RapidEx Resin Barrier
CABLE GLAND MATERIAL	Brass, Electroless Nickel Plated Brass, Aluminium, Stainless Steel

* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444 ** When CMP installation accessories are used. Refer to www.cmp-products.com for further information. Alternative conduit sizes available upon request. See 'thread option ordering examples' table below for typical NPT & Metric thread ordering references

THREAD OPTION ORDERING EXAMPLES

ORDERING REFERENCE	MALE THREAD	FEMALE THREAD
20PXRCREX1RA	M20	M20
20PXRCREX1RA031	M20	½" NPT
20PXRCREX1RA03131	½" NPT	½" NPT
20PXRCREX1RA03102†	½" NPT	M20

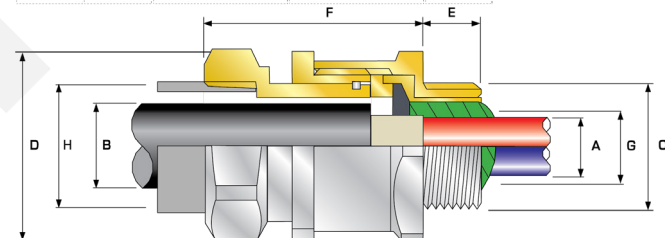
Refer to 'How to order' page for complete list of ordering codes.

† For Metric female threads please insert '0' before thread size code e.g. 32PXRCREX1RA53405 (1 ¼" NPT Male x M40 Female)

PATENT GRANTED: ES 2287986, NO 2287986, TR 2287986, AU 2010284848, AU 2014274614, GB 2485114, SG 178839, US 8872027, US 9484133, US 9774178, MY 153846, US 10193321, US1034078

GLOBAL PRODUCT CERTIFICATION

ATEX CERTIFICATE	CML18ATEX1325X CML 18ATEX4317X	IECEx CERTIFICATE	IECEx CML 18.0182X, IECEx SIM 14.0008X
CODE OF PROTECTION	II 2G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da, Ex nR IIC Gc	CODE OF PROTECTION	Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da, Ex nR IIC Gc
COMPLIANCE STANDARDS	EN 60079-0, 1, 7, 15, 31	COMPLIANCE STANDARDS	IEC 60079-0, 1, 7, 15, 31
EAC CERTIFICATE	TC RU C-GB.AA87.B.00487	UKrSEPRO	CLQ 19.0371X
RETIE APPROVAL NUMBER	03866	CCOE / PESO (INDIA) CERTIFICATE	P444949
NEPSI CERTIFICATE	GY18.1252X	INMETRO APPROVAL	TUV 12.2073X
MARINE APPROVALS	LRS: 01/00172 DNV: TAE000000Y ABS: 14-LD234401A-4-PDA		
KCS KOSHA CERTIFICATE	19-AV4B0-0474X; 19-AV4B0-0475X; 19-AV4B0-0475X		



COMBINED ORDERING REFERENCE ("BRASS METRIC")			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"	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	PXRCREX	1RA	M20	15.0	½"	19.9	¾"	21	M20	12.6	12.9	13.9	30.0	33.0	45.9	PVC06	0.170
25	PXRCREX	1RA	M25	15.0	¾"	20.2	1"	30	M25	17.5	17.9	19.9	41.0	45.1	53.6	PVC09	0.330
32	PXRCREX	1RA	M32	15.0	1"	25.0	1 ¼"	50	M32	23.6	23.9	26.2	41.0	45.1	51.8	PVC10	0.320
40	PXRCREX	1RA	M40	15.0	1 ¼"	25.6	1 ½"	59	M40	30.0	30.3	32.3	50.0	55.0	48.6	PVC13	0.420
50S	PXRCREX	1RA	M50	15.0	1 ½"	26.1	2"	89	M50	36.6	36.9	38.9	55.0	60.5	59.1	PVC15	0.570
50	PXRCREX	1RA	M50	15.0	2"	26.9	2 ½"	115	M50	41.0	41.3	44.2	60.0	66.0	64.0	PVC18	0.610
63S	PXRCREX	1RA	M63	15.0	2"	26.9	2 ½"	115	M63	47.9	48.4	50.0	70.1	77.1	62.6	PVC21	0.940
63	PXRCREX	1RA	M63	15.0	2 ½"	39.9	3"	115	M63	53.7	54.0	56.0	75.0	82.5	64.6	PVC23	0.890
75S	PXRCREX	1RA	M75	15.0	2 ½"	39.9	3"	140	M75	59.9	60.2	62.4	84.0	92.4	71.7	PVC27	1.290
75	PXRCREX	1RA	M75	15.0	3"	41.5	3 ½"	140	M75	64.3	64.2	68.1	85.0	93.5	71.2	PVC27	1.160
90	PXRCREX	1RA	M90	24.0	3 ½"	42.8	4"	140	M90	75.3	75.6	80.1	108.0	118.8	87.3	PVC31	2.630

*For material options add the following suffix to the Ordering Reference; Brass (no suffix required); Nickel Plated Brass 'S'; 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); ½" = 31, ¾" = 32, 1" = 33, 1 ¼" = 34, 1 ½" = 35, 2" = 36, 2 ½" = 37, 3" = 38, 3 ½" = 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: 32PXRCREX1RA533 = Nickel Plated Brass M32 male x 1" NPT female, 20S16PXRCREX1RA031 = Brass M20 male x ½" NPT female, 25PXRCREX1RA43203 = Stainless Steel ¾" NPT male x M25 female, 20PXRCREX1RA5 = Nickel Plated Brass M20 male & female

Dimensions are displayed in millimetres unless otherwise stated