

PXRCREX GLOBALLY APPROVED, EXPLOSIVE ATMOSPHERE RAPIDEX BARRIER CABLE GLAND

FOR ALL TYPES OF UNARMoured & BRAID CABLES HOUSED IN CONDUIT

- RapidEx liquid pour sealing system reduces installation time
- Designed for rigid and flexible conduits
- Easy install running coupler design
- Compound barrier type flameproof seal
- -60°C to +85°C
- Internationally marked, UKEX, IECEx and ATEX
- RapidEx liquid barrier resin seals around internal cable cores after removing any cable inner sheath/bedding; completely eliminating any risk of coldflow



IP66

+85°C
↑
-60°C

Ex db

Ex eb

Ex ta

Ex nR

TECHNICAL CLASSIFICATION

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

* Mechanical and 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.

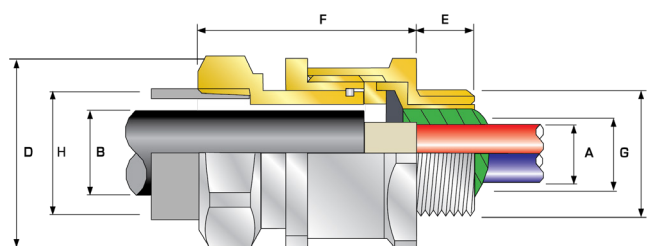
† For Metric female threads please insert '0' before thread size code

e.g. 32XRCREX1RA53405 (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 CML18ATEX4317X	IECEx CERTIFICATE	IECEx CML 18.0182X
UKEX CERTIFICATE	CML 21UKEX1214X, CML 21UKEX4215X		
CODE OF PROTECTION	⊕ II 2G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da, ⊕ II 3G, 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	RU C-GB.A.007.B.0459522	UK+SEPRO	CQ 19.0371X
RETIE APPROVAL NUMBER	EL-CS-230200	CCOE / PESO (INDIA) CERTIFICATE	P548696, P548695, P533772
CCC CERTIFICATE	2020322313003190	INMETRO APPROVAL	TÜV 12.2073X
SANS	MS-XPL/21.0305 X	ECAS CERTIFICATE	24-03-106290/E24-03- 110155/NB0007
TS - TAIWAN CERTIFICATION	ML101012007061G8		
MARINE APPROVALS	LRS: LR22320739TA DNV: TAE000000Y ABS: 25-0285992-PDA		
KCS KOSHA CERTIFICATE	19-AV4B0-0474X; 19-AV4B0-0475X; 19-AV4B0-0475X		



COMBINED ORDERING REFERENCE (*BRASS METRIC)			AVAILABLE ENTRY THREADS 'C' (ALTERNATIVE 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 (kg)
			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	36.0	39.6	48.6	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	53.0	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	50.5	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	59.6	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	64.5	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	63.5	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	72.9	PVC26	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	72.5	PVC26	1.160
90	PXRCREX	1RA	M90	20.0	3 ½"	42.8	4"	140	M90	75.3	75.6	80.1	108.0	118.8	89.5	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 and female

Dimensions are displayed in millimetres unless otherwise stated

Dimensions listed are for metric cable glands only. Dimensions for alternative threads may vary.

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