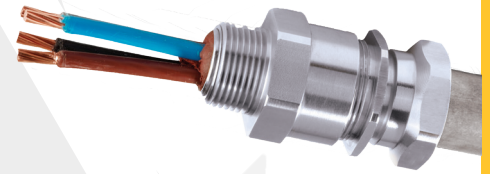


PXRC

PXRC INTERNATIONALLY APPROVED, RIGID & FLEXIBLE CONDUIT EXPLOSIVE ATMOSPHERE BARRIER CABLE GLAND

FOR ALL TYPES OF UNARMoured CABLES

- 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 compound barrier seals directly around the internal cable cores, after the inner sheath/bedding has been removed, completely eliminating any risk of coldflow on all cable types



IP66

EMC

+85°C
↑
-60°C

Ex eb Ex db Ex ta Ex nR

TECHNICAL CLASSIFICATION

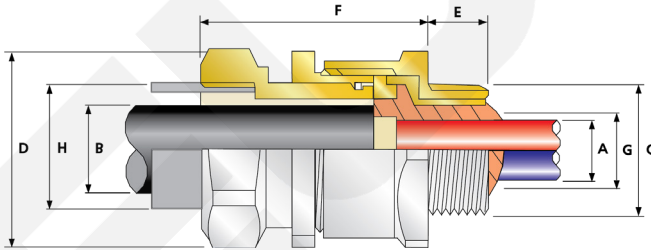
DESIGN SPECIFICATION	BS 6121:Part 1:1989, IEC 62444, EN 62444
MECHANICAL CLASSIFICATION*	Impact = Level 8, Cable Anchorage = Class B
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
INGRESS PROTECTION RATING**	IP66
CABLE TYPE	Unarmoured
SEAL MATERIAL	Epoxy Barrier Compound
SEALING AREA(S)	Inner Compound 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
20PXRC1RA	M20	M20
20PXRC1RA031	M20	½" NPT
20PXRC1RA03131	½" NPT	½" NPT
20PXRC1RA03102†	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. 32PXRC1RA53405 (1 ¼" NPT Male x M40 Female)



GLOBAL PRODUCT CERTIFICATION

ATEX CERTIFICATE	CML18ATEX1325X	IECEx CERTIFICATE	IECEx CML 18.0182X, IECEx SIM 14.0008X
CODE OF PROTECTION	II 2G TD, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIC Da	CODE OF PROTECTION	Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIC Da
COMPLIANCE STANDARDS	EN 60079-0,1,7,31	COMPLIANCE STANDARDS	IEC 60079-0,1,7,31
KGS KOSHA CERTIFICATE	14-GA4BO-0252X	ECAS CERTIFICATE	20-02-05624
EAC CERTIFICATE	TC RU C-GB.AA87.B.00487	UkrSEPRO	CLJ 19.0371X
RETIE APPROVAL NUMBER	03866	CCOE / PESO (INDIA) CERTIFICATE	P444949
NEPSI CERTIFICATE	GYJ18.1252X	INMETRO APPROVAL	TUV 12.2073X
MARINE APPROVALS	LRS: 01/00172 DNV: TAE00000Y ABS: 20-LD1948801-PDA		



COMBINED ORDERING REFERENCE (*BRASS METRIC)			AVAILABLE ENTRY THREADS "C" (ALTERNATE METRIC THREAD LENGTHS AVAILABLE)					NUMBER OF CORES	FEMALE CONNECTION THREAD "H"	FEMALE CONNECTION THREAD (NPT) "H"	DIAMETER OVER CONDUCTORS "A"	CABLE BEDDING DIAMETER "C"	OVERALL CABLE DIAMETER "B"	ACROSS FLATS "D"	ACROSS CORNERS "D"	PROTRUSION LENGTH "F"	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	MAX		
20	PXRC	1RA	M20	15.0	½"	19.9	¾"	21	M20	½"	12.6	12.9	13.9	30.0	33.0	45.9	0.17
25	PXRC	1RA	M25	15.0	¾"	20.2	1"	30	M25	¾"	17.5	17.9	19.9	41.0	45.1	53.6	0.33
32	PXRC	1RA	M32	15.0	1"	25.0	1 ¼"	38	M32	1"	23.6	23.9	26.2	41.0	45.1	51.8	0.32
40	PXRC	1RA	M40	15.0	1 ¼"	25.6	1 ½"	59	M40	1 ¼"	30.0	30.3	32.3	50.0	55.0	48.6	0.41
50S	PXRC	1RA	M50	15.0	1 ½"	26.1	2"	89	M50	1 ½"	36.6	36.9	38.9	55.0	60.5	59.1	0.57
50	PXRC	1RA	M50	15.0	2"	26.9	2 ½"	115	M50	2"	41.0	41.3	44.2	60.0	66.0	64.0	0.61
63S	PXRC	1RA	M63	15.0	2"	26.9	2 ½"	115	M63	2"	47.9	48.4	50.0	70.1	77.1	62.6	0.94
63	PXRC	1RA	M63	15.0	2 ½"	39.9	3"	115	M63	2 ½"	53.7	54.0	56.0	75.0	82.5	64.6	0.89
75S	PXRC	1RA	M75	15.0	2 ½"	39.9	3"	140	M75	2 ½"	59.9	60.2	62.4	84.0	92.4	71.7	1.29
75	PXRC	1RA	M75	15.0	3"	41.5	3 ½"	140	M75	3"	64.3	64.2	68.1	85.0	93.5	71.2	1.16
90	PXRC	1RA	M90	24.0	3 ½"	42.8	4"	140	M90	3 ½"	75.3	75.6	80.1	108.0	118.8	87.3	2.63

*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); 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 = 01, M25 = 02, M32 = 03, M40 = 04, M50 = 05, M63 = 06, M75 = 07, M90 = 08 (Brass requires prefix "0")

Examples: 32PXRC1RA533 = Nickel Plated Brass M32 male x 1" NPT female, 20S16PXRC1RA031 = Brass M20 male x ½" NPT female, 25PXRC1RA43203 = Stainless Steel ¾" NPT male x M25 female, 20PXRC1RA5 = Nickel Plated Brass M20 male & female

Dimensions are displayed in millimetres unless otherwise stated

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