

PXSS2KREX GLOBALLY APPROVED, EXPLOSIVE ATMOSPHERE RAPIDEX BARRIER CABLE GLAND



FOR ALL TYPES OF UNARMoured CABLES & BRAIDED CABLES

- RapidEx liquid pour sealing system reduces installation time
- Direct and remote installation
- Superior levels of cable retention
- Displacement type environmental seal
- Deluge protected
- Disconnectable, union feature design
- -60°C to +85°C
- Globally marked, UL, cCSAus, IECEx, ATEX and UKEX
- As standard in nickel plated brass
- RapidEx liquid barrier resin seals around internal cable cores after removing any cable inner sheath/bedding; completely eliminating any risk of coldflow



SUPPLIED IN PACK WITH RAPIDEX RESIN

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, I M2 Ex db I Mb*, Ex eb I Mb*	CODE OF PROTECTION	Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da, Ex db I Mb*, Ex eb I Mb*
COMPLIANCE STANDARDS	EN 60079-0,1,7,15,31	COMPLIANCE STANDARDS	IEC 60079-0,1,7,15,31
cCSAus CERTIFICATE	2288626		
CSAus CODE OF PROTECTION***	Class I, Div 1 and 2, Groups A, B, C, and D; Class II, Div 1 and 2, Groups E, F, and G; Class III, Div 1 and 2, Type 4X; Oil Resistance II; Class I, Zone 1, AEx d IIC Gb, AEx e IIC Gb; Class I, Zone 2, AEx nR IIC Gc; Class I, Zone 20, AEx ta IIIC Da		
cCSA CODE OF PROTECTION***	Class I, Div 1 and 2, Groups A, B, C, and D; Class II, Div 1 and 2, Groups E, F and G; Class III, Div 1 and 2, Type 4X; Oil Resistance II; Ex d IIC Gb, Ex e IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da		
COMPLIANCE STANDARDS	CAN/CSA-C22.2 No 0,18,25,30,174,94; CAN/CSA-C22.2 No 60079-0,7,15,31; CAN/CSA-E61241-1-1; ANSI/UL 514B, 50, 2225; ANSI/ISA 60079-31; UL60079-0,1,7,15		
cULus CERTIFICATE (20S-90)	E161256		
CODE OF PROTECTION**	Class I, Div 1 and 2, Groups A, B, C, and D; Class II, Div 1 and 2, Groups F and G		
COMPLIANCE STANDARDS	UL 2225, UL 514B, UL 60079-0, UL 60079-7, CSA C22.2 No. 174		
ECAS CERTIFICATE	20-02-05624	Ukr SEPRO CERTIFICATE	CU 19.0371X
EAC CERTIFICATE	Check website for latest certificate number	CCC CERTIFICATION	2020322313003190
RETIE APPROVAL NUMBER	03866	CCOE / PESO (INDIA) CERTIFICATE	P444949
MARINE APPROVALS	LRS: 01/00172, DNV: TAE000000Y, ABS: 20-LD1948801-PDA, BV: 43180		

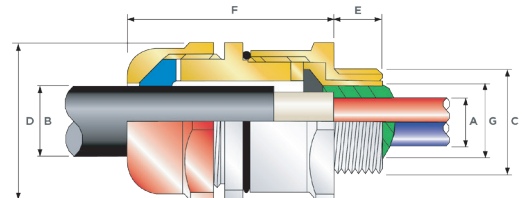
*Aluminium alloys are not permitted in Group I mining applications **Where the cable is permitted by code (NEC and/or CEC)

TECHNICAL CLASSIFICATION	
DESIGN SPECIFICATION	BS 6121Part 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, IP67 and IP68***
NEMA RATING**	Type 4X
DELUGE PROTECTION COMPLIANCE	DTSO1 : 91
CABLE TYPE	Unarmoured***
SEAL MATERIAL	SOLO LSF Halogen Free Thermoset Elastomer / / RapidEx Resin Barrier
SEALING TECHNIQUE	Outer Displacement Seal and Inner RapidEx Barrier Seal
SEALING AREA(S)	RapidEx Resin Barrier and Cable Outer Sheath
CABLE GLAND MATERIAL	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium

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

***Where the cable is permitted by code (NEC and/or CEC) *** IP68 tested to a minimum depth of 30 metres for 12 hours, alternative depths / durations can be provided upon request.

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



EUTEX COMBINED ORDERING REFERENCE (*BRASS METRIC)	AVAILABLE ENTRY THREADS 'C' (ALTERNATIVE METRIC THREAD LENGTHS AVAILABLE)					NUMBER OF CORES	DIAMETER OVER CONDUCTORS 'A'	CABLE BEDDING DIAMETER 'G'	OVERALL CABLE DIAMETER 'B'		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRU-SION LENGTH 'F'	SHROUD	CABLE GLAND WEIGHT (kg)
	STANDARD				OPTION				MIX	MAX					
	METRIC	THREAD LENGTH (METRIC) 'E'	NPT	THREAD LENGTH (NPT) 'E'	NPT	MAX	MAX	MAX			MAX	MAX			
20S16 PXSS2KREX	M20	15.0	½"	19.9	¾"	21	8.6	8.6	3.1	8.6	30.0	33.0	53.1	PVC06	0.200
20S PXSS2KREX	M20	15.0	½"	19.9	¾"	21	11.7	11.7	6.1	11.7	30.0	33.0	53.1	PVC06	0.200
20 PXSS2KREX	M20	15.0	½"	19.9	¾"	21	12.6	12.9	6.5	14.0	30.0	33.0	54.2	PVC06	0.200
20L PXSS2KREX	M20	15.0	½"	19.9	¾"	21	12.6	12.9	10.0	15.9	30.0	33.0	54.2	PVC06	0.200
25 PXSS2KREX	M25	15.0	¾"	20.2	1"	30	17.5	17.9	11.1	20.0	36.0	39.6	60.0	PVC09	0.330
32 PXSS2KREX	M32	15.0	1"	25.0	1 ¼"	50	23.6	23.9	17.0	26.3	41.0	45.1	61.1	PVC10	0.590
32L PXSS2KREX	M32	15.0	1"	25.0	1 ¼"	50	23.6	23.9	20.0	27.4	41.0	45.1	61.1	PVC10	0.590
40 PXSS2KREX	M40	15.0	1 ¼"	25.6	1 ½"	59	30.0	30.3	22.0	32.1	50.0	55.0	62.4	PVC13	0.560
50S PXSS2KREX	M50	15.0	1 ½"	26.1	2"	89	36.6	36.9	29.5	38.2	55.0	60.5	65.2	PVC15	0.660
50 PXSS2KREX	M50	15.0	2"	26.9	2 ½"	89	41.0	41.3	35.6	44.0	60.0	66.0	67.6	PVC18	0.730
63S PXSS2KREX	M63	15.0	2"	26.9	2 ½"	115	47.9	48.4	40.1	49.9	70.0	77.0	71.1	PVC21	1.070
63 PXSS2KREX	M63	15.0	2 ½"	39.9	3"	115	53.7	54.0	47.2	55.9	75.0	82.5	70.4	PVC23	1.060
75S PXSS2KREX	M75	15.0	2 ½"	39.9	3"	140	59.9	60.2	52.8	61.9	80.0	88.0	75.3	PVC25	1.300
75 PXSS2KREX	M75	15.0	3"	41.5	3 ½"	140	64.3	64.2	59.1	67.9	85.0	93.5	74.9	PVC27	1.300
90 PXSS2KREX	M90	20.0	3 ½"	42.8	4"	140	75.3	75.6	66.6	79.4	108.0	118.8	94.8	PVC31	3.020
100 PXSS2KREX	M100	20.0	3 ½"	42.8	4"	200	83.6	85.9	76.0	90.9	123.0	135.3	86.3	LSF33	4.000

*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 options add the following digits to the material suffix; 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')

Examples: 32PXSS2KREXIRA534 = Nickel Plated Brass 1 ½" NPT, 50SPXSS2KREXIRA035 = Brass 1 ½" NPT, 25PXSS2KREXIRA432 = Stainless Steel ¾" NPT, 20PXSS2KREXIRA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated

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