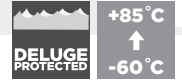


# PXSS2KREX

**PXSS2KREX GLOBALLY APPROVED, HAZARDOUS (CLASSIFIED) LOCATION BARRIER CABLE GLAND**

## FOR ALL TYPES OF UNARMORED CABLES

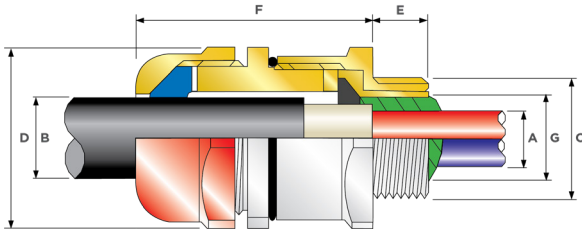
- RapidEx liquid pour sealing system reduces installation time
- Direct and remote installation
- Superior levels of cable retention
- Displacement type environmental seal
- Deluge protected
- Disconnectable, union feature design
- -60°C to +85°C (-76°F to +185°F)
- Globally marked, UL, cCSAus, IECEx, ATEX and UKEX
- As standard in nickel plated brass with NPT thread form
- 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

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 RATINGS**	IP66, IP67 and IP68****
NEMA RATING**	Type 4X
DELUGE PROTECTION COMPLIANCE	DTS01 : 91
CABLE TYPE	Unarmored***
SEAL MATERIAL	CMP SOLO LSF Halogen Free Thermoset Elastomer / RapidEx Barrier Compound
SEALING TECHNIQUE	CMP Outer Displacement Seal and Inner RapidEx Barrier Seal
SEALING AREA(S)	RapidEx Resin Barrier and Cable Outer Sheath
CABLE GLAND MATERIAL	Electroless Nickel Plated Brass, Copper Free (<0.4%) Aluminum, Stainless Steel

\* Mechanical and Electrical Classifications applied as per IEC 62444 and EN 62444 \*\* When CMP Installation accessories are used. Refer to [www.cmp-products.com](http://www.cmp-products.com) for further information. \*\*\*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: ES2287986, NO 2287986, TR 2287986, AU 2010284848, AU 2014274614, GB 2485114, SG 178839, US 8872027, US 9484133, US 9774178, MY 153843, US 10193321, US 1034078

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 (20S16-90)	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 2, Groups 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 60079-1,7,15,31, CAN/CSA-E61241-1-1, ANSI/UL 514B, ANSI/UL 50, ANSI 2225, ANSI/ISA 60079-31, UL 60079-0,1,7,15		
cULus CERTIFICATE	E201187, E253914, 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; Class I, Zone 1, AEx d IIC, AEx e II		
COMPLIANCE STANDARDS	UL 2225, UL 514B, UL 60079-0, UL 60079-7, CSA C22.2 No. 174		
ECAS CERTIFICATE	20-02-05624	UKrSEPRO CERTIFICATE	CL1 19.0371X
EAC CERTIFICATE	EACRU-CBA0076.0495922	CCC CERTIFICATION	2020322313003190
CODE OF PROTECTION	1Ex d IIC Gb X, 1Ex e IIC Gb X, 2Ex nR IIC Gc X, Ex ta IIIC Da X, IP66, IP67, and IP68		
RETIE APPROVAL NUMBER	03866	CCOE / PESO (INDIA) CERTIFICATE	PS33772, P548696, P548695
MARINE APPROVALS	LRS: LR2230739TA, 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)



COMBINED ORDERING REFERENCE ("NICKEL PLATED BRASS NPT")			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"		PROTRUSION LENGTH "F"	SHROUD	APPROX WEIGHT ALUMINUM (oz)
SIZE	TYPE	ORDERING SUFFIX	NPT	NPT (OPTION)	METRIC (OPTION)	THREAD LENGTH (NPT) "E"	MAX		MAX	MIN	MAX	MAX	MAX	MAX	MAX	MAX	MAX				
20S16	PXSS2KREX	1EX531	1/2"	3/4"	M20	0.78	21	0.34	0.34	0.12	0.34	1.18	1.30	2.09	PVC06	7.06					
20S	PXSS2KREX	1EX531	1/2"	3/4"	M20	0.78	21	0.46	0.46	0.24	0.46	1.18	1.30	2.09	PVC06	7.06					
20	PXSS2KREX	1EX531	1/2"	3/4"	M20	0.78	21	0.50	0.51	0.26	0.55	1.18	1.30	2.13	PVC06	7.06					
20L	PXSS2KREX	1EX531	1/2"	3/4"	M20	0.78	21	0.50	0.51	0.41	0.63	1.18	1.30	2.13	PVC06	7.06					
25	PXSS2KREX	1EX532	3/4"	1"	M25	0.80	30	0.69	0.70	0.44	0.79	1.42	1.56	2.36	PVC09	11.64					
32	PXSS2KREX	1EX533	1"	1 1/4"	M32	0.98	50	0.93	0.94	0.67	1.04	1.61	1.78	2.41	PVC10	13.76					
32L	PXSS2KREX	1EX533	1"	1 1/4"	M32	0.98	50	0.93	0.94	0.79	1.08	1.61	1.78	2.41	PVC10	13.76					
40	PXSS2KREX	1EX534	1 1/4"	1 1/2"	M40	1.01	59	1.18	1.19	0.87	1.26	1.97	2.17	2.46	PVC13	19.75					
50S	PXSS2KREX	1EX535	1 1/2"	2"	M50	1.03	89	1.44	1.45	1.16	1.50	2.17	2.38	2.57	PVC15	23.28					
50	PXSS2KREX	1EX536	2"	2 1/2"	M50	1.06	115	1.61	1.63	1.40	1.73	2.76	3.03	2.66	PVC21	25.75					
63S	PXSS2KREX	1EX536	2"	2 1/2"	M63	1.06	115	1.89	1.91	1.58	1.97	2.76	3.03	2.80	PVC21	37.74					
63	PXSS2KREX	1EX537	2 1/2"	3"	M63	1.57	115	2.11	2.13	1.86	2.20	3.15	3.47	2.77	PVC25	37.39					
75S	PXSS2KREX	1EX537	2 1/2"	3"	M75	1.57	140	2.36	2.37	2.08	2.44	3.15	3.47	2.97	PVC25	45.86					
75	PXSS2KREX	1EX538	3"	3 1/2"	M75	1.63	140	2.53	2.54	2.33	2.67	3.94	4.33	2.95	PVC30	45.86					
90	PXSS2KREX	1EX539	3 1/2"	4"	M90	1.69	140	2.96	2.98	2.62	3.13	4.25	4.68	3.73	PVC31	106.53					
100	PXSS2KREX	1EX539	3 1/2"	4"	M100	1.69	200	3.29	3.30	2.99	3.58	4.84	5.33	3.40	LSF33	141.10					

\* Note: For material options please change the suffix in the ordering reference; Brass (no suffix required), Nickel Plated Brass "5" (as standard), 316 Grade Stainless Steel "4", Copper Free Aluminum "1"  
For NPT options please change the following digits after the material suffix; 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")

Examples: 32PXSS2KREX1EX534 = Nickel Plated Brass 1 1/4" NPT, 25PXSS2KREX1EX432 = Stainless Steel 3/4" NPT, 20PXSS2KREX1EX5 Nickel Plated Brass M20

Dimensions are displayed in inches unless otherwise stated