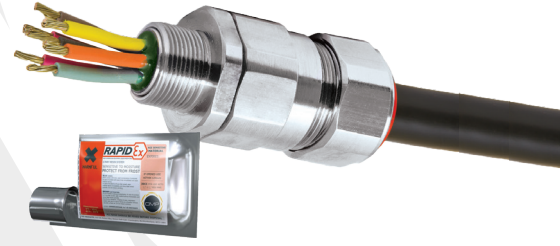














# PX2KWREX

**PX2KWREX GLOBALLY APPROVED, EXPLOSIVE ATMOSPHERE RAPIDEX BARRIER CABLE GLAND**

**FOR ALL TYPES OF STEEL & ALUMINIUM WIRE ARMoured CABLES**

- RapidEx liquid pour sealing system reduces installation time
- Metal-to-metal armour clamping
- Direct and remote installation
- Integral protected deluge seal
- Controlled outer load retention seal
- Unique OSTG prevents over tightening
- -60°C to +85°C
- Globally marked, UL, cCSAus, IECEX, ATEX and UKEX
- Superior EMC performance
- RapidEx liquid barrier resin seals around internal cable cores after removing any cable inner sheath/bedding; completely eliminating any risk of coldflow

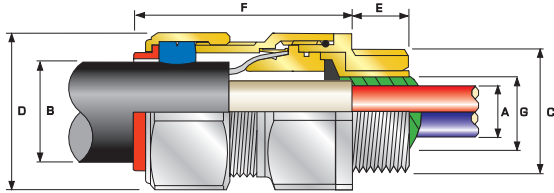


TECHNICAL CLASSIFICATION	
DESIGN SPECIFICATION	BS 6121:Part 1:1989, IEC 62444, EN 62444
MECHANICAL CLASSIFICATION*	Impact = Level 8, Cable Anchorage = Type D
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules) Brass and Stainless Steel only
ELECTRICAL CLASSIFICATION*	Category B
INGRESS PROTECTION RATING**	IP66, IP67 and IP68****
NEMA RATING**	Type 4X
DELUGE PROTECTION COMPLIANCE	DTS01:91

CABLE TYPE	Single Wire Armour (SWA), Aluminium Wire Armour (AWA)***
ARMOUR CLAMPING	Detachable Resin Tube / Cone and AnyWay Universal Clamping Ring
SEAL MATERIAL	CMP SOLO LSF Halogen Free Thermoset Elastomer / RapidEx Barrier Compound
SEALING TECHNIQUE	Unique CMP Outer Seal (Load Retention Seal)
SEALING AREA(S)	RapidEx Resin Barrier and Cable Outer Sheath
CABLE GLAND MATERIAL	Electroless Nickel Plated Brass, Brass, Stainless Steel, Aluminium

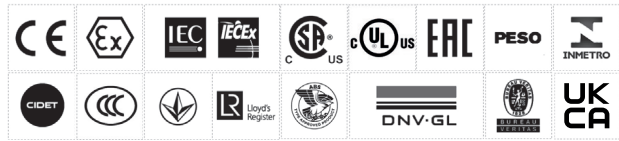
\* Mechanical and Electrical Classifications applied as per IEC 62444 and EN 62444 \*\* When CMP installation accessories are used. Refer to [www.cmp-products.com](http://www.cmp-products.com) for further information. \*\*\*Where the cable is permitted by code (NEC and/or CEC) \*\*\*\* IP68 can be tested 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

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, Ex eb 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 (20S16-100)	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		
cCSA CODE OF PROTECTION***	Class I, Div 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		
COMPLIANCE STANDARDS	CAN/CSA-C22.2 No 0,18,25,30,174,94, CSA-C22.2 No 60079-0,1,7,15, CAN/CSA-E61241-1-1, ANSI/UL 514B, 50, 2225, ANSI/ISA 60079-31, UL60079-0,1,7,15		
CULUS CERTIFICATE (20S16-90)	E161256		
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		
COMPLIANCE STANDARDS	UL 2225, CSA C22.2 No 174, UL 514B, CSA C22.2 No 18, CSA C22.2 No 30		
ECAS CERTIFICATE	20-02-05624	UKrSEPRO CERTIFICATE	CLJ 19.0371X
EAC CERTIFICATE	Check website for latest certificate number		
RETIE APPROVAL NUMBER	03866	CCOE / PESO (INDIA) CERTIFICATE	P444949
CCC CERTIFICATE	2020322313003190	INMETRO APPROVAL	TUV 12.2073X
MARINE APPROVALS	LRS: 01/00172 DNV: TAE00000Y ABS: 20-LD1948801-PDA, BV: 43180		

\*Aluminium alloys are not permitted in Group I mining applications.



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'			ARMOUR RANGE		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	MIN	MAX	MIN	MAX	MAX	MAX	MAX	MAX				
20S16	PX2KWREX	1RA	M20	15.0	1/2"	0.78	3/4"	21	11.7	11.7	6.1	13.1	0.8	1.25	30.5	33.6	62.0	PVC06	0.24			
20S	PX2KWREX	1RA	M20	15.0	1/2"	0.78	3/4"	21	11.7	11.7	9.5	15.9	0.8	1.25	30.5	33.6	62.0	PVC06	0.23			
20	PX2KWREX	1RA	M20	15.0	1/2"	0.78	3/4"	21	12.6	12.9	12.5	20.9	0.8	1.25	30.5	33.6	63.0	PVC06	0.24			
25S	PX2KWREX	1RA	M25	15.0	3/4"	0.80	1"	30	17.5	17.9	14.0	22.0	1.25	1.6	37.5	41.3	69.5	PVC09	0.37			
25	PX2KWREX	1RA	M25	15.0	3/4"	0.80	1"	30	17.5	17.9	18.2	26.2	1.25	1.6	37.5	41.3	69.5	PVC09	0.37			
32	PX2KWREX	1RA	M32	15.0	1"	0.98	1 1/4"	50	23.6	23.9	23.7	33.9	1.6	2.0	46.0	50.6	75.0	PVC11	0.57			
40	PX2KWREX	1RA	M40	15.0	1 1/4"	1.01	1 1/2"	59	30.0	30.3	27.9	40.4	1.6	2.0	55.0	60.5	75.0	PVC15	0.80			
50S	PX2KWREX	1RA	M50	15.0	1 1/2"	1.03	2"	89	36.6	36.9	35.2	46.7	2.0	2.5	60.0	66.0	77.0	PVC18	0.90			
50	PX2KWREX	1RA	M50	15.0	2"	1.06	2 1/2"	115	41.0	41.3	40.4	53.0	2.0	2.5	70.0	77.0	77.0	PVC21	1.19			
63S	PX2KWREX	1RA	M63	15.0	2"	1.06	2 1/2"	115	47.9	48.4	45.6	59.4	2.0	2.5	75.0	82.5	79.7	PVC23	1.39			
63	PX2KWREX	1RA	M63	15.0	2 1/2"	1.57	3"	115	53.7	54.0	54.6	65.8	2.0	2.5	80.0	88.0	80.3	PVC25	1.41			
75S	PX2KWREX	1RA	M75	15.0	2 1/2"	1.57	3"	140	59.9	60.2	59.0	72.0	2.0	2.5	90.0	99.0	86.8	PVC28	2.09			
75	PX2KWREX	1RA	M75	15.0	3"	1.63	3 1/2"	140	64.2	64.2	66.7	78.4	2.5	3.0	100.0	110.0	88.3	PVC30	2.54			
90	PX2KWREX	1RA	M90	20.0	3 1/2"	1.69	4"	140	75.3	75.6	76.2	90.3	3.15	4.0	115.0	126.5	102.1	PVC32	3.71			
100	PX2KWREX	1RA	M100	20.0	3 1/2"	1.69	4"	200	83.6	85.9	86.1	101.4	3.15	4.0	127.0	139.7	114.0	LSF33	4.81			

\*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 options please add the following digits to 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: 32PX2KWREX1RA534 = Nickel Plated Brass 1 1/4" NPT, 50SPX2KWREX1RA035 = Brass 1 1/2" NPT, 25PX2KWREX1RA432 = Stainless Steel 3/4" NPT, 20PX2KWREX1RA5 = 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.