

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

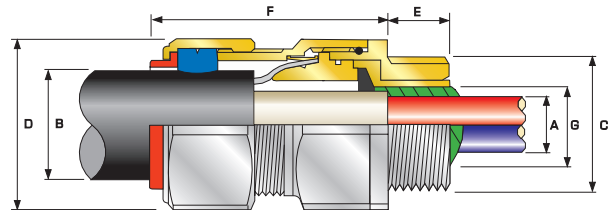


GLOBAL PRODUCT CERTIFICATION			
ATEX CERTIFICATE	CML18ATEX1325X, CML18ATEX4317X	IECEx CERTIFICATE	IECEx CML 18.0182X
UKEX CERTIFICATE	CML 21UKEX1214X, CML 21UKEX4215X		
CODE OF PROTECTION	II 2G ID, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIC Da, II 3G, Ex nR IIC Gc, II M2 Ex db I Mb*, Ex eb I Mb*	CODE OF PROTECTION	Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIC 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, 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	Ukr SEPRO CERTIFICATE	CJ 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: TAE000000Y, ABS: 20-LD1948801-PDA, BV: 43180		

*Aluminium alloys are not permitted in Group I mining applications

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 Compound Tube / Cone & AnyWay Universal Clamping Ring
SEAL MATERIAL	SOLO LSF Halogen Free Thermoset Elastomer / RapidEx Barrier Compound
SEALING TECHNIQUE	Unique 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 .
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 ORDERING REFERENCE (*BRASS METRIC)	AVAILABLE ENTRY THREADS 'C' (ALTERNATIVE METRIC THREAD LENGTHS AVAILABLE)				NUMBER OF CORES	DIAMETER OVER CONDU- CTORS 'A'	CABLE BEDDING DIAMETER 'G'	OVERALL CABLE DIAMETER 'B'		ARMOUR RANGE		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTR- USION LENGTH 'F'	SHROUD	CABLE GLAND WEIGHT (kg)	
	STANDARD																OPTION
	METRIC	THREAD LENGTH (METRIC) 'E'	NPT	THREAD LENGTH (NPT) 'E'	NPT	MAX	MAX	MAX	MIN	MAX	MIN	MAX	MAX				MAX
20S16PX2KWREX	M20	15.0	½"	0.78	¾"	21	11.7	11.7	6.1	13.1	0.8	1.25	30.5	33.6	62.0	PVC06	0.24
20SPX2KWREX	M20	15.0	½"	0.78	¾"	21	11.7	11.7	9.5	15.9	0.8	1.25	30.5	33.6	62.0	PVC06	0.23
20 PX2KWREX	M20	15.0	½"	0.78	¾"	21	12.6	12.9	12.5	20.9	0.8	1.25	30.5	33.6	63.0	PVC06	0.24
25SPX2KWREX	M25	15.0	¾"	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	M25	15.0	¾"	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	M32	15.0	1"	0.98	1 ¼"	50	23.6	23.9	23.7	33.9	1.6	2.0	46.0	50.6	75.0	PVC11	0.57
40 PX2KWREX	M40	15.0	1 ¼"	1.01	1 ½"	59	30.0	30.3	27.9	40.4	1.6	2.0	55.0	60.5	75.0	PVC15	0.80
50SPX2KWREX	M50	15.0	1 ½"	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	M50	15.0	2"	1.06	2 ½"	115	41.0	41.3	40.4	53.0	2.0	2.5	70.0	77.0	77.0	PVC21	1.19
63SPX2KWREX	M63	15.0	2"	1.06	2 ½"	115	47.9	48.4	45.6	59.4	2.0	2.5	75.0	82.5	79.7	PVC23	1.39
63 PX2KWREX	M63	15.0	2 ½"	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
75SPX2KWREX	M75	15.0	2 ½"	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	M75	15.0	3"	1.63	3 ½"	140	64.2	64.2	66.7	78.4	2.5	3.0	100.0	110.0	88.3	PVC30	2.54
90 PX2KWREX	M90	20.0	3 ½"	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
100PX2KWREX	M100	20.0	3 ½"	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 '5'; 316 Grade Stainless Steel '4'; Copper Free Aluminium '1' For NPT options please 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: 32PX2KWREXIRA534 = Nickel Plated Brass 1 ½" NPT, 50SPX2KWREXIRA035 = Brass 1 ½" NPT, 25PX2KWREXIRA432 = Stainless Steel ¾" NPT, 20PX2KWREXIRA5 = Nickel Plated Brass M20																	
Dimensions are displayed in millimetres unless otherwise stated																	

For material options add the following suffix to the ordering reference; Brass (no suffix required); Nickel Plated Brass 'B'; 316 Grade Stainless Steel '4'; Copper Free Aluminium 'I'
For NPT options please 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: 32PX2KWREXIRA534 = Nickel Plated Brass 1 ¼" NPT, 50SPX2KWREXIRA035 = Brass 1 ½" NPT, 25PX2KWREXIRA432 = Stainless Steel ¾" NPT, 20PX2KWREXIRA5 = 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.