

PX2KREX GLOBALLY APPROVED, EXPLOSIVE ATMOSPHERE RAPIDEX BARRIER CABLE GLAND



FOR ALL TYPES OF ARMoured CABLES

- RapidEx liquid pour sealing system
 - Enhances reliability, reduces risk
 - Reduces man hours
 - Reduces cost
- Metal-to-metal armour clamping
- Direct and remote installation
- Integral protected deluge seal
- Controlled outer load retention seal
- Unique OSTG prevents overtightening
- -60°C to +85°C
- Globally marked, UL, cCSAus, IECEx, ATEX and UKEX
- Superior EMC performance
- 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



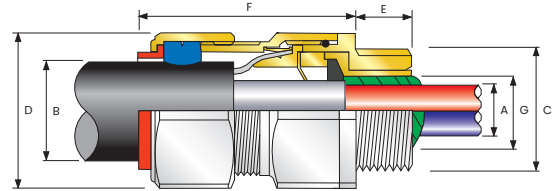
SUPPLIED IN PACK WITH RAPIDEX RESIN

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 2, Groups 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 1 and 2, Groups A, B, C, and D; Class II, Div 2, Groups F and G; Class III, Div 2; Type 4X; Oil Resistance II; Ex nR IIC Gc		
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, ANSI/UL 514B, 50, 2225, ANSI/ISA 60079-31, UL60079-0,1,7,15		
cULUS CERTIFICATE (20S16 - 90)	EI61256		
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, 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	CU 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
KCS CERTIFICATE	I4-GA4BO-0252X		
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 6121:Part 1:1989, IEC 62444, EN 62444
MECHANICAL CLASSIFICATION*	Impact = Level 8, Cable Anchorage = Class D
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules) Brass and Stainless Steel only
ELECTRICAL CLASSIFICATION*	Category B (Category A when used with braid, tape or pliable wire armour cables)
INGRESS PROTECTION RATING**	IP66, IP67 and IP68****
DELUGE PROTECTION COMPLIANCE	DTS01 : 91
CABLE TYPE	Single Wire Armour (SWA), Aluminium Wire Armour (AWA), Wire Braid Armour (e.g. SWB), Screened Flexible (EMC) Wire Braid (e.g. CY / SY), Pliable Wire Armour (PWA), Steel Tape Armour (STA), Strip Armour (e.g. ASA)***
ARMOUR CLAMPING	Detachable Resin Tube / Cone & AnyWay Universal Clamping Ring
SEAL MATERIAL	SOLO LSF Halogen Free Thermoset Elastomer / RapidEx Resin Barrier
SEALING TECHNIQUE	Outer Seal (Load Retention Seal)
SEALING AREA(S)	Inner RapidEx Barrier Seal & 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



† Grooved Cone (X) is predominantly used for Wire Braid (e.g. GSWB, TCWB), Steel Tape Armour (STA, DSTA) and Aluminium Strip Armour (ASA) but is also suitable for Single Wire Armour (SWA), Aluminium Wire Armour (AWA) and Pliable Wire Armour (PWA) if the range is outside that of the Stepped Cone (W). Grooved Cone (X) dimensions shown in the Cable Gland Selection Table below are for a double wire strand of braid armour cables. Tapes can also be doubled over. For cables that have only a single layer of armour such as SWA the clamping range should be used as shown in the table below. Stepped (W) Cone is suitable for Single Wire Armour (SWA), or Aluminium Wire Armour (AWA) cables.

EUTEX ORDERING REFERENCE	AVAILABLE ENTRY THREADS 'C'		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)		
	METRIC	THREAD LENGTH 'E'				MIN	MAX	MIN	MAX	GROOVED CONE (X)							STEPPEd CONE (W)	
										MIN	MAX						MIN	MAX
20S16 PX2KPBREX	M20	15.0	21	11.7	11.7	6.1	13.1	0.3	1.0	0.8	1.25	30.5	33.6	62.0	PVC06	0.24		
20S PX2KPBREX	M20	15.0	21	11.7	11.7	9.5	15.9	0.3	1.0	0.8	1.25	30.5	33.6	62.0	PVC06	0.23		
20 PX2KPBREX	M20	15.0	21	12.6	12.9	12.5	20.9	0.4	1.0	0.8	1.25	30.5	33.6	63.0	PVC06	0.24		
25S PX2KPBREX	M25	15.0	30	17.5	17.9	14.0	22.0	0.4	1.2	1.25	1.6	37.5	41.3	69.5	PVC09	0.37		
25 PX2KPBREX	M25	15.0	30	17.5	17.9	18.2	26.2	0.4	1.2	1.25	1.6	37.5	41.3	69.5	PVC09	0.37		
32 PX2KPBREX	M32	15.0	50	23.6	23.9	23.7	33.9	0.4	1.2	1.6	2.0	46.0	50.6	75.0	PVC11	0.57		
40 PX2KPBREX	M40	15.0	59	30.0	30.3	27.9	40.4	0.4	1.6	1.6	2.0	55.0	60.5	75.0	PVC15	0.80		
50S PX2KPBREX	M50	15.0	89	36.6	36.9	35.2	46.7	0.4	1.6	2.0	2.5	60.0	66.0	77.0	PVC18	0.90		
50 PX2KPBREX	M50	15.0	89	41.0	41.3	40.4	53.0	0.6	1.6	2.0	2.5	70.0	77.0	77.0	PVC21	1.19		
63S PX2KPBREX	M63	15.0	115	47.9	48.4	45.6	59.4	0.6	1.6	2.0	2.5	75.0	82.5	79.7	PVC23	1.39		
63 PX2KPBREX	M63	15.0	115	53.7	54.0	54.6	65.8	0.6	1.6	2.0	2.5	80.0	88.0	80.3	PVC25	1.41		
75S PX2KPBREX	M75	15.0	140	59.9	60.2	59.0	72.0	0.6	1.6	2.0	2.5	90.0	99.0	86.8	PVC28	2.09		
75 PX2KPBREX	M75	15.0	140	64.2	64.2	66.7	78.4	0.6	1.6	2.5	3.0	100.0	110.0	88.3	PVC30	2.54		
90 PX2KPBREX	M90	20.0	140	75.3	75.6	76.2	90.3	0.8	1.6	3.15	4.0	115.0	126.5	102.1	PVC32	3.71		
100 PX2KPBREX	M100	20.0	200	83.6	85.9	86.1	101.4	0.8	1.6	3.15	4.0	127.0	139.7	114.0	LVF33	4.31		

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; 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: 32PX2KREXIRA534 = Nickel Plated Brass 1 1/4" NPT, 50SPX2KREXIRA035 = Brass 1 1/2" NPT, 25PX2KREXIRA432 = Stainless Steel 1/2" NPT, 20PX2KREXIRA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated