














PX2KWREX

PX2KWREX GLOBALLY APPROVED, HAZARDOUS (CLASSIFIED) LOCATION BARRIER CABLE GLAND

FOR ALL TYPES OF SINGLE / SERVED WIRE ARMORED CABLES

- RapidEx liquid pour sealing system reduces installation time
- Metal-to-metal armor clamping
- Direct and remote installation
- Integral protected deluge seal
- Disconnectable, union feature design
- Controlled outer load retention seal
- Unique OSTG prevents overtightening
- -60°C to +85°C (-76°F to +185°F)
- 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



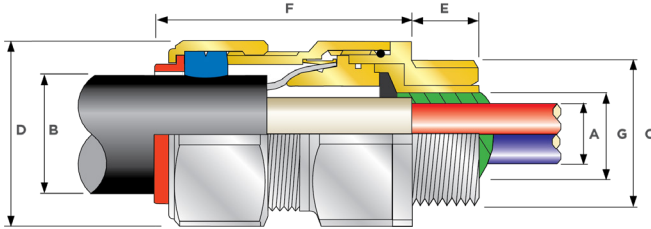
			
			
			
			

SUPPLIED IN PACK WITH RAPIDEX RESIN

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 / Served Wire Armor (SWA)***
ARMOR CLAMPING	Detachable Resin Tube / Cone and AnyWay Universal Clamping Ring
SEAL MATERIAL	CMP SOLO LSF Halogen Free Thermoset Elastomer / RapidEx Resin Barrier
SEALING TECHNIQUE	CMP Outer Load Retention Seal and Inner RapidEx Barrier Seal
SEALING AREA(S)	Inner RapidEx Barrier Seal and 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 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 21UKE1214X, CML 21UKE4215X		
CODE OF PROTECTION	⊕ II 2G 1D, Ex db IIC, 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
cSAus CERTIFICATE (2016-90)	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		
cSA CODE OF PROTECTION**	Class I, Div 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 0,18,25,30,94,174, CAN/CSA-60079-0,1,7,31 CAN/CSA-E612411 Part 11, ANSI/UL 514B Ed 5, ANSI/UL 50 Ed 11, ANSI/UL 2225 Ed 4, UL60079		
cULus CERTIFICATE (2016-90)	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, 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	TC RU C-GB.AA87.B.00487		
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, IP68		
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.

**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		ARMOR RANGE		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	MIN	MAX	MAX	MAX	MAX	MAX					
20S16	PX2KWREX	1EX531	1/2"	3/4"	M20	0.78	21	0.46	0.46	0.24	0.52	0.03	0.05	1.20	1.32	2.44	PVC06	8.47				
20S	PX2KWREX	1EX531	1/2"	3/4"	M20	0.78	21	0.46	0.46	0.37	0.63	0.03	0.05	1.20	1.32	2.44	PVC06	8.11				
20	PX2KWREX	1EX531	1/2"	3/4"	M20	0.78	21	0.50	0.51	0.49	0.82	0.03	0.05	1.20	1.32	2.48	PVC06	8.47				
25S	PX2KWREX	1EX532	3/4"	1"	M25	0.80	30	0.69	0.70	0.55	0.87	0.05	0.06	1.48	1.62	2.74	PVC09	13.05				
25	PX2KWREX	1EX532	3/4"	1"	M25	0.80	30	0.69	0.70	0.72	1.03	0.05	0.06	1.48	1.62	2.74	PVC09	13.05				
32	PX2KWREX	1EX533	1"	1 1/4"	M32	0.98	50	0.93	0.94	0.93	1.34	0.06	0.08	1.81	1.99	2.95	PVC11	20.11				
40	PX2KWREX	1EX534	1 1/4"	1 1/2"	M40	1.01	59	1.18	1.19	1.10	1.59	0.06	0.08	2.17	2.38	2.95	PVC15	28.22				
50S	PX2KWREX	1EX535	1 1/2"	2"	M50	1.03	89	1.44	1.45	1.39	1.84	0.08	0.10	2.36	2.60	3.03	PVC18	31.75				
50	PX2KWREX	1EX536	2"	2 1/2"	M50	1.06	115	1.61	1.63	1.59	2.09	0.08	0.10	2.76	3.04	3.03	PVC21	41.98				
63S	PX2KWREX	1EX536	2"	2 1/2"	M63	1.06	115	1.89	1.90	1.80	2.34	0.08	0.10	2.95	3.25	3.14	PVC23	49.03				
63	PX2KWREX	1EX537	2 1/2"	3"	M63	1.57	115	2.11	2.13	2.15	2.59	0.08	0.10	3.15	3.46	3.16	PVC25	49.74				
75S	PX2KWREX	1EX537	2 1/2"	3"	M75	1.57	140	2.36	2.37	2.32	2.84	0.08	0.10	3.54	3.90	3.42	PVC28	73.72				
75	PX2KWREX	1EX538	3"	3 1/2"	M75	1.63	140	2.53	2.54	2.63	3.09	0.10	0.12	3.94	4.33	3.48	PVC30	89.60				
90	PX2KWREX	1EX539	3 1/2"	4"	M90	1.69	140	2.97	2.98	3.00	3.56	0.12	0.16	4.50	4.95	4.02	PVC32	130.87				
100	PX2KWREX	1EX539	3 1/2"	4"	M100	1.69	200	3.29	3.30	3.39	3.99	0.12	0.16	5.24	5.76	4.49	LSF33	169.67				

*Note : For material options please change the suffix in the ordering reference ; Brass (no suffix required), Nickel Plated Brass "S" (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: 32PX2KWREX1EX534 = Nickel Plated Brass 1 1/4" NPT, 25PX2KWREX1EX432 = Stainless Steel 3/4" NPT, 20PX2KWREX1EX5 Nickel Plated Brass M20

Dimensions are displayed in inches unless otherwise stated