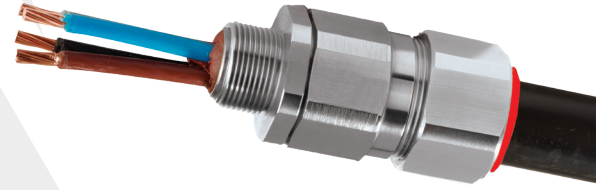


PX2KX

PX2KX GLOBALLY APPROVED, HAZARDOUS (CLASSIFIED) LOCATION BARRIER CABLE GLAND

FOR ALL TYPES OF BRAIDED & TAPE ARMORED CABLES

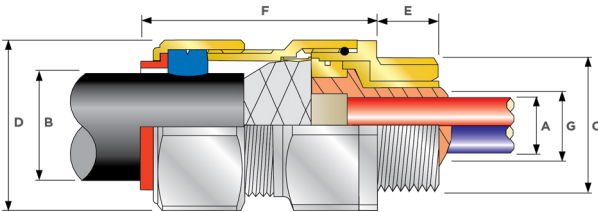
- Metal-to-metal armor clamping
- Direct and remote installation
- Integral protected deluge seal
- Compound barrier type flameproof seal
- Controlled outer load retention seal
- Unique OSTG prevents overtightening
- Integral protected deluge seal
- Disconnectable, union feature design
- -60°C to +85°C (-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
- Compound barrier seals around internal cable cores after removing any inner cable sheath/bedding; completely eliminating any risk of coldflow



IP66	IP67	IP68	NEMA 4X
DELUGE PROTECTED	EMC	+85 °C ↑ -60 °C	
AEx d	AEx e	AEx t	AEx nR
Ex d	Ex e	Ex t	Ex nR

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
ELECTRICAL CLASSIFICATION*	Category B (Category A when used with braid, tape or pliable wire armor cables)
INGRESS PROTECTION RATING**	IP66, IP67 and IP68****
NEMA RATING**	Type 4X
DELUGE PROTECTION COMPLIANCE	DTS01 : 91
CABLE GLAND MATERIAL	Electroless Nickel Plated Brass, Copper Free (<0.4%) Aluminum, Stainless Steel
SEAL MATERIAL	CMP SOLO LSF Halogen Free Thermoset Elastomer / Epoxy Barrier Compound
CABLE TYPE	Braid Armored Shipboard cable and all IEC Braid Cables***
ARMOR CLAMPING	Detachable Compound Tube / Cone and AnyWay Universal Clamping Ring
SEALING TECHNIQUE	CMP Outer Load Retention Seal
SEALING AREA(S)	Inner Compound Barrier and Outer Sheath

* 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.



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 1 and 2, Groups E, 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, 50, 2225, ANSI/ISA 60079-31, UL60079-0,1,7,15		
dULus CERTIFICATE (20S16 - 90)	E201187, E256367		
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 I, Zone 1, AEx d IIC		
COMPLIANCE STANDARDS	UL 2225, CSA C22.2 No 174, UL 514B, CSA C22.2 No 18, CSA C22.2 No 30, UL50		
ECAS CERTIFICATE	20-02-05624	Ukr SEPRO CERTIFICATE	CL1_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		
KCS CERTIFICATE	14_G44BO_0252X		
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)



1 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.

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 1 GROOVED CONE (X)		ACROSS FLATS "D"		ACROSS CORNERS "D"		PROTRUSION LENGTH "F"	SHROUD	APPROX WEIGHT ALUMINIUM (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	PX2KX	1RA531	1/2"	3/4"	M20	0.78	21	0.46	0.46	0.24	0.52	0.01	0.04	1.20	1.32	2.44	PVC06	8.47				
20S	PX2KX	1RA531	1/2"	3/4"	M20	0.78	21	0.46	0.46	0.37	0.63	0.01	0.04	1.20	1.32	2.44	PVC06	8.11				
20	PX2KX	1RA531	1/2"	3/4"	M20	0.78	21	0.50	0.51	0.49	0.82	0.02	0.04	1.20	1.32	2.48	PVC06	8.47				
25S	PX2KX	1RA532	3/4"	1"	M25	0.80	30	0.69	0.70	0.55	0.87	0.02	0.05	1.48	1.62	2.74	PVC09	13.05				
25	PX2KX	1RA532	3/4"	1"	M25	0.80	30	0.69	0.70	0.72	1.03	0.02	0.05	1.48	1.62	2.74	PVC09	13.05				
32	PX2KX	1RA533	1"	1 1/4"	M32	0.98	38	0.93	0.94	0.93	1.34	0.02	0.05	1.81	1.99	2.95	PVC11	20.11				
40	PX2KX	1RA534	1 1/4"	1 1/2"	M40	1.01	59	1.18	1.19	1.10	1.59	0.02	0.06	2.17	2.38	2.95	PVC15	28.22				
50S	PX2KX	1RA535	1 1/2"	2"	M50	1.03	89	1.44	1.45	1.39	1.84	0.02	0.06	2.36	2.60	3.03	PVC18	31.75				
50	PX2KX	1RA536	2"	2 1/2"	M50	1.06	115	1.61	1.63	1.59	2.09	0.02	0.06	2.76	3.04	3.03	PVC21	41.98				
63S	PX2KX	1RA536	2"	2 1/2"	M63	1.06	115	1.89	1.88	1.80	2.34	0.02	0.06	2.95	3.25	3.14	PVC23	49.03				
63	PX2KX	1RA537	2 1/2"	3"	M63	1.57	115	2.11	2.13	2.15	2.59	0.02	0.06	3.15	3.46	3.16	PVC25	49.74				
75S	PX2KX	1RA537	2 1/2"	3"	M75	1.57	140	2.36	2.37	2.32	2.84	0.02	0.06	3.54	3.90	3.42	PVC28	73.72				
75	PX2KX	1RA538	3"	3 1/2"	M75	1.63	140	2.53	2.54	2.63	3.09	0.02	0.06	3.94	4.33	3.48	PVC30	89.60				
90	PX2KX	1RA539	3 1/2"	4"	M90	1.69	140	2.97	2.98	3.00	3.56	0.03	0.06	4.50	4.95	4.02	PVC32	130.87				
100	PX2KX	1RA539	3 1/2"	4"	M100	1.69	200	3.29	3.30	3.39	3.99	0.03	0.06	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: 32PX2KX1RA534 = Nickel Plated Brass 1 1/4" NPT, 50SPX2KX1RA035 = Brass 1 1/2" NPT, 25PX2KX1RA432 = Stainless Steel 3/4" NPT, 20PX2KX1RA5 Nickel Plated Brass M20

Dimensions are displayed in inches unless otherwise stated