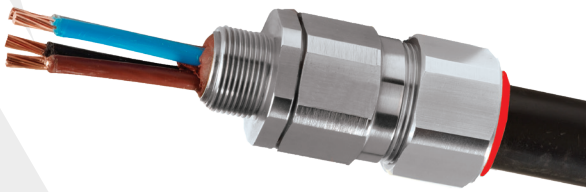
PX2KW

PX2KW GLOBALLY APPROVED, HAZARDOUS (CLASSIFIED) LOCATION BARRIER CABLE GLAND



FOR ALL TYPES OF SINGLE / SERVED WIRE 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
- 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 Ex d | AEx e Ex e | AEx nR Ex nR

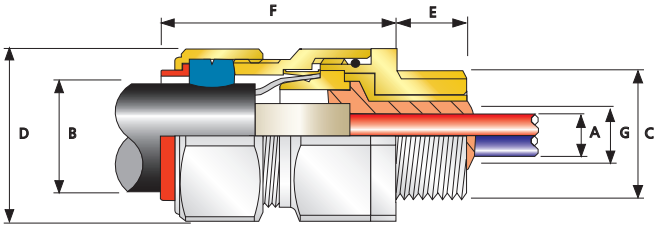
TECHNICAL CLASSIFICATION

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 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	Single / Served Wire Armor (SWA)***
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	Ex II 2G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da Ex II 3G, Ex nR IIC Gc Ex 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 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-E61241-1-1, 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 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	СЦ 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	TÜV 12.2073X
KCs CERTIFICATE	14_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)

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	CABLE GLAND WEIGHT (oz)
SIZE	TYPE	ORDERING SUFFIX	NPT	NPT (OPTION)	METRIC (OPTION)	THREAD LENGTH (NPT) 'E'		MAX	MAX	MIN	MAX	MIN	MAX	MAX	MAX			
20S16	PX2KW	1RA531	½"	¾"	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	PX2KW	1RA531	½"	¾"	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	PX2KW	1RA531	½"	¾"	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	PX2KW	1RA532	¾"	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	PX2KW	1RA532	¾"	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	PX2KW	1RA533	1"	1 ¼"	M32	0.98	38	0.93	0.94	0.93	1.34	0.06	0.08	1.81	1.99	2.95	PVC11	20.11
40	PX2KW	1RA534	1 ¼"	1 ½"	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	PX2KW	1RA535	1 ½"	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	PX2KW	1RA536	2"	2 ½"	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	PX2KW	1RA536	2"	2 ½"	M63	1.06	115	1.89	1.91	1.80	2.34	0.08	0.10	2.95	3.25	3.14	PVC23	49.03
63	PX2KW	1RA537	2 ½"	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	PX2KW	1RA537	2 ½"	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	PX2KW	1RA538	3"	3 ½"	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	PX2KW	1RA539	3 ½"	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	PX2KW	1RA539	3 ½"	4"	M100	1.69	200	3.29	3.38	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 "5" (as standard), 316 Grade Stainless Steel "4", Copper Free Aluminum "1"
For NPT options please change the following digits after 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: 32PX2KW1RA534 = Nickel Plated Brass 1 ¼" NPT, 25PX2KW1RA432 = Stainless Steel ¾" NPT, 20PX2KW1RA5 Nickel Plated Brass M20

Dimensions are displayed in inches unless otherwise stated