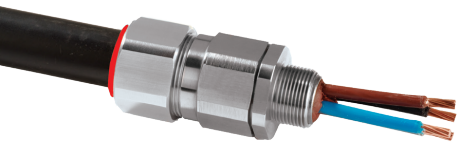
specs@eutexinternational.com

EUTEX INTERNATIONAL

PX2KPB CABLE GLAND

PX2KPB INTERNATIONALLY APPROVED, EXPLOSIVE ATMOSPHERE BARRIER CABLE GLAND



IP66 IP67 IP68 DELUGE PROTECTED +85°C ↑ -60°C XXX EMC Ex db Ex eb Ex ta Ex nR

FOR ALL TYPES OF LEAD SHEATHED ARMOURED CABLES

- Effectively earths / grounds lead sheathed cables
- Metal-to-metal armour clamping
- Direct and remote installation
- Compound barrier type flameproof seal
- Controlled outer load retention seal
- Unique OSTG prevents overtightening
- Integral protected deluge seal
- -60˚C to +85˚C
- Internationally marked, UKEX, IECEx and ATEX
- Superior EMC performance
- Compound barrier seals around internal cable cores after removing any inner cable sheath/bedding; completely eliminating any risk of coldflow

GLOBAL PRODUCT CERTIFICATION

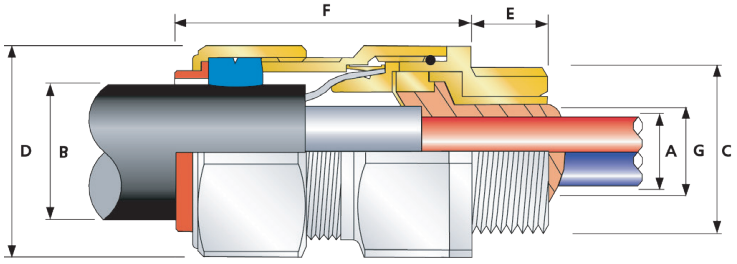
ATEX CERTIFICATE	CML18ATEX1325X, CML18ATEX4317X	IECEx CERTIFICATE	IECEx CML 18.0182X
UKEX CERTIFICATE	CML 21UKEX1214X, CML 21UKEX4215X		
CODE OF PROTECTION	Ⓔ II 2G 1D, Ex db IIC Gb, Ex eb IIc Gb, Ex ta IIIC Da, Ⓔ II 3G, Ex nR IIC Gc, Ⓔ I M2 Ex db I Mb*, Ex eb I Mb*	CODE OF PROTECTION	Ex db IIC Gb, Ex 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
Ukr SEPRO CERTIFICATE	СЦ 19.0371X		
RETIE APPROVAL NUMBER	03866	CCOE / PESO (INDIA) CERTIFICATE	P444949
CCC CERTIFICATE	2020322313003190	INMETRO APPROVAL	TÜV 12.2073X
MARINE APPROVALS	LRS: 01/00172, DNV: TAE000000Y, ABS: 20-LD1948801-PDA, BV: 43180		

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 (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	Lead Sheathed and Single Wire Armour (LC/SWA), Lead Sheathed and Aluminium Wire Armour (LC/AWA), Lead Sheathed and Wire Braid Armour (LC/SWB), Lead Sheathed and Pliable Wire Armour (LC/PWA), Lead Sheathed and Steel Tape Armour (LC/STA), Lead Sheathed and Aluminium Strip Armour (LC/ASA)
SEAL MATERIAL	SOLO LSF Halogen Free Thermoset Elastomer / Epoxy Barrier Compound
SEALING TECHNIQUE	Outer Seal
SEALING AREA(S)	Inner Compound Barrier and Outer Sheath
CABLE GLAND MATERIAL	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
ARMOUR CLAMPING	Detachable Compound Tube / Cone & AnyWay Universal Clamping Ring

* Mechanical and Electrical Classifications applied as per IEC 62444 and EN 62444
**** IP68 tested to a minimum depth of 30 metres for 12 hours, alternative depths / durations can be provided upon request.

CE Ex IEC IECEx PESO INMETRO CIDET Lloyd's Register ABS DNV·GL UKCA



† 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 (*BRASS METRIC)	AVAILABLE ENTRY THREADS 'C' (ALTERNATIVE METRIC THREAD LENGTHS AVAILABLE)					NUMBER OF CORES	DIAMETER OVER CONDUCTORS 'A'	LEAD SHEATH DIAMETER 'G'		OVERALL CABLE DIAMETER 'B'		ARMOUR RANGE †				ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRU-SION LENGTH 'F'	SHROUD	CABLE GLAND WEIGHT (kg)
	STANDARD				OPTION							GROOVED CONE (X)		STEPPED CONE (W)						
	METRIC	THREAD LENGTH (METRIC) 'E'	NPT	THREAD LENGTH (NPT) 'E'	NPT	MAX	MAX	MAX	MIN	MAX	MAX	MIN	MAX	MIN	MAX	MAX	MAX			
20S16 PX2KPB	M20	15.0	½"	19.9	¾"	21	7.8	3.1	7.8	6.1	13.1	0.3	1.0	0.8	1.25	30.5	33.6	62.0	PVC06	0.25
20S PX2KPB	M20	15.0	½"	19.9	¾"	21	11.0	6.1	11.0	9.5	15.9	0.3	1.0	0.8	1.25	30.5	33.6	62.0	PVC06	0.23
20 PX2KPB	M20	15.0	½"	19.9	¾"	21	12.6	6.5	13.4	12.5	20.9	0.4	1.0	0.8	1.25	30.5	33.6	63.0	PVC06	0.24
25S PX2KPB	M25	15.0	¾"	20.2	1"	30	17.5	11.1	19.3	14.0	22.0	0.4	1.2	1.25	1.6	37.5	41.3	69.5	PVC09	0.37
25 PX2KPB	M25	15.0	¾"	20.2	1"	30	17.5	11.1	19.3	18.2	26.2	0.4	1.2	1.25	1.6	37.5	41.3	69.5	PVC09	0.37
32 PX2KPB	M32	15.0	1"	25.0	1 ¼"	38	23.6	17.0	25.5	23.7	33.9	0.4	1.2	1.6	2.0	46.0	50.6	75.0	PVC11	0.57
40 PX2KPB	M40	15.0	1 ¼"	25.6	1 ½"	59	30.0	22.0	31.2	27.9	40.4	0.4	1.6	1.6	2.0	55.0	60.5	75.0	PVC15	0.80
50S PX2KPB	M50	15.0	1 ½"	26.1	2"	89	36.6	29.5	37.2	35.2	46.7	0.4	1.6	2.0	2.5	60.0	66.0	77.0	PVC18	0.90
50 PX2KPB	M50	15.0	2"	26.9	2 ½"	89	41.0	35.6	42.6	40.4	53.0	0.6	1.6	2.0	2.5	70.0	77.0	77.0	PVC21	1.19
63S PX2KPB	M63	15.0	2"	26.9	2 ½"	115	47.9	40.1	48.5	45.6	59.4	0.6	1.6	2.0	2.5	75.0	82.5	79.7	PVC23	1.41
63 PX2KPB	M63	15.0	2 ½"	39.9	3"	115	53.7	47.2	54.2	54.6	65.8	0.6	1.6	2.0	2.5	80.0	88.0	80.3	PVC25	1.44
75S PX2KPB	M75	15.0	2 ½"	39.9	3"	140	59.9	52.8	60.2	59.0	72.0	0.6	1.6	2.0	2.5	90.0	99.0	86.8	PVC28	2.13
75 PX2KPB	M75	15.0	3"	41.5	3 ½"	140	64.2	59.1	65.2	66.7	78.4	0.6	1.6	2.5	3.0	100.0	110.0	88.3	PVC30	2.57
90 PX2KPB	M90	20.0	3 ½"	42.8	4"	140	75.3	66.6	77.1	76.2	90.3	0.8	1.6	3.15	4.0	115.0	126.5	102.1	PVC32	3.71
100 PX2KPB	M100	20.0	3 ½"	42.8	4"	200	83.6	76.0	88.1	86.1	101.4	0.8	1.6	3.15	4.0	127.0	139.7	114.0	LSF33	4.87

*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 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: 32PX2KPB1RA534 = Nickel Plated Brass 1 ¼" NPT, 50SPX2KPB1RA035 = Brass 1 ½" NPT, 25PX2KPB1RA432 = Stainless Steel ¾" NPT, 20PX2KPB1RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated