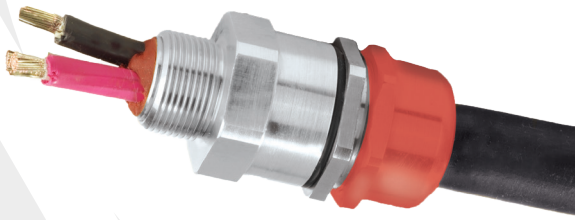
PXSS2K

PXSS2K GLOBALLY APPROVED, HAZARDOUS (CLASSIFIED) LOCATION BARRIER CABLE GLAND



FOR ALL TYPES OF UNARMORED CABLES

- Direct and remote installation
- Superior levels of cable retention
- Displacement type environmental seal
- Compound barrier type flameproof seal
- Deluge protected
- Disconnectable, union feature design
- -60°C to +85°C (-76˚F to +185˚F)
- Globally marked, UL, cCSAus, IECEx, ATEX and UKEX
- 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

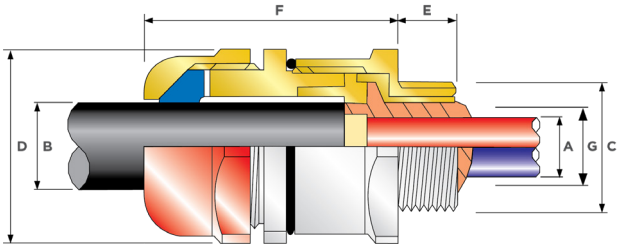
+85˚C ↑ -60˚C

AEx d Ex d | AEx e Ex e | AEx t Ex t | AExnR Ex nR

TECHNICAL CLASSIFICATION

DESIGN SPECIFICATION	BS 6121:Part 1:1989, IEC 62444, EN 62444
MECHANICAL CLASSIFICATIONS*	Impact = Level 8, Cable Anchorage = Type B
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules) Brass and Stainless Steel only
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	Unarmored***
SEALING TECHNIQUE	CMP Displacement 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	Ⓔx II 2G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da Ⓔx 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 2, Groups 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, ANSI/UL 50, ANSI 2225, ANSI/ISA 60079-31, UL60079-0,1,7,15		
cULus CERTIFICATE	E201187, E253914, 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; Class I, Zone 1, AEx d IIC, AEx e II		
COMPLIANCE STANDARDS	UL 2225, UL 514B, UL 60079-0, UL 60079-7, CSA C22.2 No. 174		
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		
KCs CERTIFICATE	14_GA4BO_0252X		
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		

*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'		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	MAX	MAX			
20S16	PXSS2K	1RA531	½"	¾"	M20	0.78	21	0.34	0.34	0.12	0.34	1.18	1.30	2.09	PVC06	7.06
20S	PXSS2K	1RA531	½"	¾"	M20	0.78	21	0.46	0.46	0.24	0.46	1.18	1.30	2.09	PVC06	7.06
20	PXSS2K	1RA531	½"	¾"	M20	0.78	21	0.50	0.51	0.26	0.55	1.18	1.30	2.13	PVC06	7.06
20L	PXSS2K	1RA531	½"	¾"	M20	0.78	21	0.50	0.51	0.39	0.63	1.18	1.30	2.13	PVC06	7.06
25	PXSS2K	1RA532	¾"	1"	M25	0.80	30	0.69	0.70	0.44	0.79	1.42	1.56	2.36	PVC09	11.64
32	PXSS2K	1RA533	1"	1 ¼"	M32	0.98	38	0.93	0.94	0.67	1.04	1.61	1.78	2.41	PVC10	13.76
32L	PXSS2K	1RA533	1"	1 ¼"	M32	0.98	38	0.93	0.94	0.79	1.08	1.61	1.78	2.41	PVC10	13.76
40	PXSS2K	1RA534	1 ¼"	1 ½"	M40	1.01	59	1.18	1.19	0.87	1.26	1.97	2.17	2.46	PVC13	19.75
50S	PXSS2K	1RA535	1 ½"	2"	M50	1.03	89	1.44	1.45	1.16	1.50	2.17	2.38	2.57	PVC15	23.28
50	PXSS2K	1RA536	2"	2 ½"	M50	1.06	115	1.61	1.63	1.40	1.73	2.76	3.03	2.66	PVC21	25.75
63S	PXSS2K	1RA536	2"	2 ½"	M63	1.06	115	1.89	1.91	1.58	1.97	2.76	3.03	2.80	PVC21	37.74
63	PXSS2K	1RA537	2 ½"	3"	M63	1.57	115	2.11	2.13	1.86	2.20	3.15	3.47	2.77	PVC25	37.39
75S	PXSS2K	1RA537	2 ½"	3"	M75	1.57	140	2.36	2.37	2.08	2.44	3.15	3.47	2.97	PVC25	45.86
75	PXSS2K	1RA538	3"	3 ½"	M75	1.63	140	2.53	2.54	2.33	2.67	3.94	4.33	2.95	PVC30	45.86
90	PXSS2K	1RA539	3 ½"	4"	M90	1.69	140	2.96	2.98	2.62	3.13	4.25	4.68	3.73	PVC31	106.53
100	PXSS2K	1RA539	3 ½"	4"	M100	1.69	200	3.29	3.30	2.99	3.58	4.84	5.33	3.40	LSF33	141.10

*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 (Brass requires prefix "0")

Examples: 32PXSS2K1RA534 = Nickel Plated Brass 1 ¼" NPT, 25PXSS2K1RA432 = Stainless Steel ¾" NPT, 20PXSS2K1RA5 Nickel Plated Brass M20

Dimensions are displayed in inches unless otherwise stated