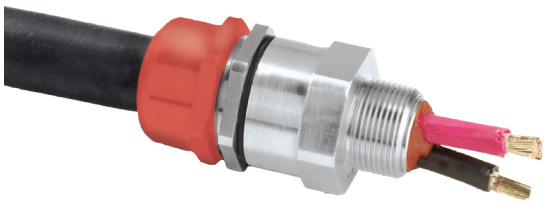

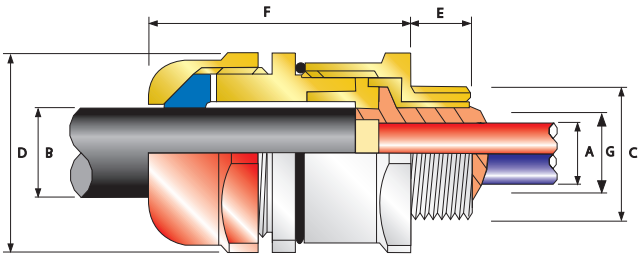

PXSS2K Ex e Exd ExnR Exta

PXSS2K Double Seal, Globally Approved, Explosive Atmosphere Barrier Cable Gland

For all types of Unarmoured & Braided Cables

- Direct & remote installation
- Superior levels of cable retention
- Displacement type environmental seal
- Compound barrier type flameproof seal
- Deluge protected
- -60˚C to +85˚C
- Globally marked, IECEx, ATEX, UL & cCSAus

TECHNICAL DATA	
Design Specification	BS 6121:Part 1:1989, IEC 62444, EN 62444
Mechanical Classifications*	Impact = Level 8, Cable Anchorage = Class B
Enclosure Protection	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
ATEX Certificate	CML 18ATEX1325X, CML 18ATEX4317X
Code of Protection	Ⓔx II 2 GD, II 1D, Ex db IIC Gb, Ex eb IIc Gb, Ex ta IIIC Da Ⓔx II 3 G Ex nR IIC Gc, Ⓔx IM2 Ex db I Mb, Ex eb I Mb
Compliance Standards	EN 60079-0,1,7,15,31
IECEx Certificate	IECEx CML 18.0182X, IECEx SIM 14.0008X
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	IEC 60079-0,1,7,15,31
cCSAus Certificate (20S16 - 100)	2288626
CSAus Code of Protection***	Class I, Div. 1, 2 Groups A, B, C and D; Class II, Div. 1, 2 Groups E, F and G; Class III, Div. 1, 2; Type 4X: Oil Resistant 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, 2 Groups A, B, C and D; Class II, Div. 1, 2 Groups E, F and G; Class III, Div. 1, 2; Type 4X: Oil Resistant 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-E60079-0,1,7,15,31, CAN/CSA-E6124111 Part 11, ANSI/UL 514B Ed 5, ANSI/UL 50 Ed 11, ANSI/UL 2225 Ed 4, UL60079
UL Certificate (20S16 - 100)	E201187B, E253914
Code of Protection	Class I, Groups A,B,C,D, Class II, Groups F,G Class I, Zone 1, AEx d IIC, AEx e II
Compliance Standards	UL 2225, CSA C22.2 No 174 UL 2225, UL 514B, UL 60079-0, UL 60079-7
EAC Certificate	TC RU C-GB.AA87.B.00487
UkrSEPRO	UA.TR.047.C.0644-15
KCs KOSHA Certificate	14-GA4BO-0252X
CCOE / PESO (India) Certificate	P333688
NEPSI Certificate	GYJ18.1252X
INMETRO Approval	TÜV 12.2073X
RETIE Approval Number	03866
Marine Approvals	LRS: 01/00172 DNV: TAE000000Y ABS: 14-LD234401A-4-PDA, BV: 43180 A1 BV
Ingress Protection Rating**	IP66, IP67 & IP68****
Deluge Protection Compliance	DTS01 : 91
Cable Gland Material	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP SOLO LSF Halogen Free Thermoset Elastomer / Epoxy Barrier Compound
Cable Type	Unarmoured***
Sealing Technique	CMP Unique Displacement Seal Concept
Sealing Area(s)	Inner Compound Barrier & Outer Sheath

** Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444*
*** When CMP installation accessories are used. Refer to page 7 or 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, alternate depths / durations can be provided upon request*

Cable Gland Selection Table

Refer to illustration at the top of the page.

Dimensions listed below are for metric cable glands only
Dimensions for alternative threads may vary, please see supplementary technical data sheet

Cable Gland Size	Available Entry Threads "C" (Alternate 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"	Combined Ordering Reference (*Brass Metric)			Shroud	Cable Gland Weight (Kgs)
	Standard				Option													
	Metric	Min Thread Length (Metric) "E"	NPT	Thread Length (NPT)	NPT	Max	Max	Max	Min	Max	Max	Max		Size	Type	Ordering Suffix		
20S16	M20	15.0	½"	19.9	¾"	21	8.6	8.6	3.1	8.6	30.0	33.0	53.1	20S16	PXSS2K	1RA	PVC06	0.20
20S	M20	15.0	½"	19.9	¾"	21	11.7	11.7	6.1	11.7	30.0	33.0	53.1	20S	PXSS2K	1RA	PVC06	0.20
20	M20	15.0	½"	19.9	¾"	21	12.6	12.9	6.5	14.0	30.0	33.0	54.2	20	PXSS2K	1RA	PVC06	0.20
20L	M20	15.0	½"	19.9	¾"	21	12.6	12.9	10.0	15.9	30.0	33.0	54.2	20L	PXSS2K	1RA	PVC06	0.200
25	M25	15.0	¾"	20.2	1"	30	17.5	17.9	11.1	20.0	36.0	39.6	60.0	25	PXSS2K	1RA	PVC09	0.33
32	M32	15.0	1"	25.0	1 ¼"	38	23.6	23.9	17.0	26.3	41.0	45.1	61.1	32	PXSS2K	1RA	PVC10	0.39
32L	M32	15.0	1"	25.0	1 ¼"	38	23.6	23.9	20.0	27.4	41.0	45.1	61.1	32L	PXSS2K	1RA	PVC10	0.59
40	M40	15.0	1 ¼"	25.6	1 ½"	59	30.0	30.3	22.0	32.1	50.0	55.0	62.4	40	PXSS2K	1RA	PVC13	0.56
50S	M50	15.0	1 ½"	26.1	2"	89	36.6	36.9	29.5	38.2	55.0	60.5	65.2	50S	PXSS2K	1RA	PVC15	0.66
50	M50	15.0	2"	26.9	2 ½"	115	41.0	41.3	35.6	44.0	60.0	66.0	67.6	50	PXSS2K	1RA	PVC18	0.73
63S	M63	15.0	2"	26.9	2 ½"	115	47.9	48.4	40.1	49.9	70.1	77.1	71.1	63S	PXSS2K	1RA	PVC21	1.07
63	M63	15.0	2 ½"	39.9	3"	115	53.7	54.0	47.2	55.9	75.0	82.5	70.4	63	PXSS2K	1RA	PVC23	1.06
75S	M75	15.0	2 ½"	39.9	3"	140	59.9	60.2	52.8	61.9	80.0	88.0	75.3	75S	PXSS2K	1RA	PVC25	1.30
75	M75	15.0	3"	41.5	3 ½"	140	64.3	64.2	59.1	67.9	85.0	93.5	74.9	75	PXSS2K	1RA	PVC27	1.30
90	M90	24.0	3 ½"	42.8	4"	140	75.3	75.6	66.6	79.4	108.0	118.8	94.8	90	PXSS2K	1RA	PVC31	3.02
100	M100	24.0	3 ½"	42.8	4"	200	85.6	85.9	76.0	90.9	123.0	135.3	86.3	100	PXSS2K	1RA	LSF33	4.00

**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 please 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: 32PXSS2K1RA534 = Nickel Plated Brass 1¼" NPT, 50SPXSS2K1RA035 = Brass 1½" NPT, 25PXSS2K1RA432 = Stainless Steel ¾" NPT, 20PXSS2K1RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated