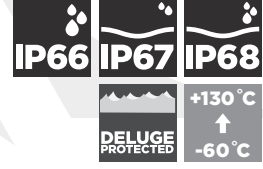


# SS2K

**SS2K DOUBLE SEAL, GLOBALLY APPROVED, EXPLOSIVE ATMOSPHERE CABLE GLAND**

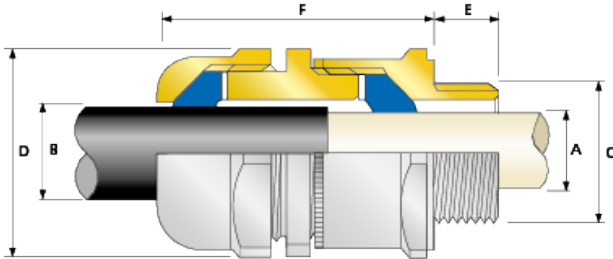
**FOR ALL TYPES OF UNARMoured & BRAIDED CABLES**

- Provides double seal on outer sheath or single on outer and inner
- Direct and remote installation
- Superior levels of cable retention
- Displacement type flameproof seal
- Deluge protected
- -60°C to +130°C (standard)
- Ex e only version available
- Globally marked, UKEX, IECEx, ATEX and CSA



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
INGRESS PROTECTION RATING**	IP66, IP67 and IP68***
DELUGE PROTECTION COMPLIANCE	DTS01:91
CABLE TYPE	Unarmoured and Braided
SEAL MATERIAL	CMP SOLO LSF Halogen Free Thermoset Elastomer
SEALING TECHNIQUE	CMP Displacement Seal
SEALING AREA(S)	Cable Inner Bedding and Outer Cable Sheath, Double Seal on Cable Outer Sheath
CABLE GLAND MATERIAL	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium

\* 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. \*\*\* 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	CML18ATEX1322X, CML18ATEX4314X	IECEX CERTIFICATE	IECEX CML 18.0178X
UKEX CERTIFICATE	CML 21UKE X1256X, CML 21UKE X4257X	CODE OF PROTECTION	Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da, Ex db I Mb*, Ex eb I Mb*
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*	COMPLIANCE STANDARDS	IEC 60079-0,1,7,15,31
COMPLIANCE STANDARDS	EN 60079-0,1,7,15,31	COMPLIANCE STANDARDS	IEC 60079-0,1,7,15,31
CSA CERTIFICATE	1211841	EAC CERTIFICATE	TC RU C-GB.AA87.B.00487
CODE OF PROTECTION**	Ex d IIC, Ex e II, Ex nR II, Enclosure Type 4x	UkrSEPRO CERTIFICATE	CLЦ 19.0371X
COMPLIANCE STANDARDS	C22.2 No 0,0,4, 94, 174, CAN/CSA-E60079-0,1,7, 15	ECAS CERTIFICATE	20-02-05263
CCC CERTIFICATE	2020322313002869	INMETRO APPROVAL	TÜV 12.0879X
CCOE / PESO (INDIA) CERTIFICATE	P444949	RETIE APPROVAL NUMBER	03866
SANS	IA MS-XPL21804 21.0007X		
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			AVAILABLE ENTRY THREADS 'C'		CABLE BEDDING DIAMETER 'A'		OVERALL CABLE DIAMETER 'B'		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'F'	SHROUD	CABLE GLAND WEIGHT (kg)
SIZE	TYPE	ORDERING SUFFIX	METRIC	THREAD LENGTH 'E'	MIN	MAX	MIN	MAX	MAX	MAX			
20S16	SS2K	1RA	M20	15.0	3.2	8.6	3.2	8.6	24.0	26.4	49.0	PVC04	0.140
20S	SS2K	1RA	M20	15.0	6.1	11.7	6.1	11.7	24.0	26.4	49.0	PVC04	0.130
20	SS2K	1RA	M20	15.0	6.5	14.0	6.5	14.0	27.0	29.7	54.0	PVC05	0.160
25	SS2K	1RA	M25	15.0	11.1	20.0	11.1	20.0	36.0	39.6	66.0	PVC09	0.300
32	SS2K	1RA	M32	15.0	17.0	26.3	17.0	26.3	41.0	45.1	67.0	PVC10	0.350
40	SS2K	1RA	M40	15.0	23.5	32.1	23.5	32.1	50.0	55.0	70.0	PVC13	0.500
50S	SS2K	1RA	M50	15.0	31.0	38.2	31.0	38.2	55.0	60.5	65.0	PVC15	0.560
50	SS2K	1RA	M50	15.0	35.6	44.0	35.6	44.0	60.0	66.0	70.0	PVC18	0.590
63S	SS2K	1RA	M63	15.0	41.5	49.9	41.5	49.9	70.0	77.0	70.0	PVC21	0.890
63	SS2K	1RA	M63	15.0	47.2	55.9	47.2	55.9	75.0	82.5	71.0	PVC23	0.850
75S	SS2K	1RA	M75	15.0	54.0	61.9	54.0	61.9	80.0	88.0	70.0	PVC25	1.020
75	SS2K	1RA	M75	15.0	61.1	67.9	61.1	67.9	84.0	92.4	75.0	PVC26	0.990
90	SS2K	1RA	M90	24.0	66.6	79.4	66.6	79.4	108.0	118.8	113.0	PVC31	2.990
100	SS2K	1RA	M100	24.0	76.0	90.9	76.0	90.9	123.0	134.2	106.0	LSF33	3.390
115	SS2K	1RA	M115	24.0	86.0	97.9	86.0	97.9	133.4	146.7	128.0	LSF34	5.320
130	SS2K	1RA	M130	24.0	97.0	114.9	97.0	114.9	152.4	167.6	129.0	LSF35	6.350

\*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; 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: 32SS2K1RA534 = Nickel Plated Brass 1 1/4" NPT, 50SS52K1RA035 = Brass 1 1/2" NPT, 25SS2K1RA432 = Stainless Steel 3/4" NPT, 20SS2K1RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated

Dimensions listed are for metric cable glands only. Dimensions for alternative threads may vary.