



Electroless Nickel Plated Brass

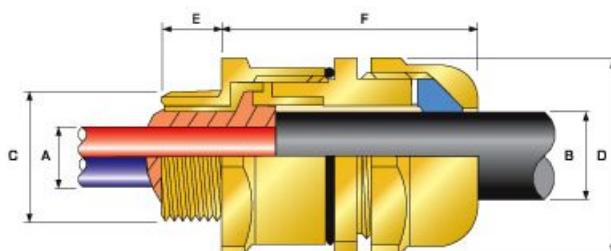
## PXSS2K Hazardous Location Cable Connector

CMP Type PXSS2K Class I Division 1, C and D, Division 2, ABCD Cable Connector for use with Non-Armored Marine & Tray Cable (Type TC) and Extra-Hard Usage Cord, providing a compound barrier seal around the cable conductors and an environmental seal on the cable outer jacket. In addition this cCSAus listed cable connector also offers Class I Zone I, Ex d IIC, Ex e II certification.

All CMP Cable Connectors are EMC Tested.

The cable connector provides mechanical cable retention. A combined detachable spacer and compound tube allows the cable to be easily disconnected from the equipment, for maintenance and change out etc. This feature also facilitates remote make off procedures when the termination is to be conducted in confined spaces or in areas of restricted access.

The PXSS2K cable connector offers Nema 4X and IP68 ingress protection and is supplied in Electroless Nickel Plated Brass CuZn39Pb3 (CW614N) to EN12168 as standard. The PXSS2K is also IEC Ex Triple Certified Ex d, Ex e & Ex nR, offering a single solution that can be employed in accordance with both NEC and IEC codes of installation.



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# Cable Gland Selection Table

Cable Connector Size	Available Entry Threads "C"			Minimum Thread Length "E"		Diameter Over Conductors "A"	Number Of Cores	Overall Cable Diameter "B"		Across Flats "D"	Across Corners "D"	Protrusion Length "F"	Ordering Reference (NP Brass NPT)	PVC Shroud Ref*	Cable Connector Weight (Kgs)
	Standard	Option		NPT	Metric	Max	Max	Min	Max	Max	Max				
	NPT	NPT	Metric												
20S/16	1/2"	3/4"	M20	16.0	15.0	12.6	11	3.1	8.7	30.5	33.3	58.5	20S16PXSS2K1RA531	PVC04	0.161
20S	1/2"	3/4"	M20	16.0	15.0	12.6	11	6.1	11.7	30.5	33.3	58.5	20SPXSS2K1RA531	PVC04	0.161
20	1/2"	3/4"	M20	16.0	15.0	12.6	21	6.5	14.0	30.5	33.3	60.5	20PXSS2K1RA531	PVC05	0.201
20L	1/2"	3/4"	M20	16.0	15.0	12.6	21	10.0	15.9	30.5	33.3	60.5	20LPXSS2K1RA531	PVC05	0.201
25	3/4"	1"	M25	17.0	15.0	17.5	38	11.1	20.0	37.5	40.5	67.5	25PXSS2K1RA532	PVC09	0.324
32	1"	1 1/4"	M32	20.0	15.0	23.6	59	17.0	26.3	46.0	51.0	69.5	32PXSS2K1RA533	PVC10	0.447
32L	1"	1 1/4"	M32	20.0	15.0	23.6	59	20.1	27.4	46.0	51.0	69.5	32LPXSS2K1RA533	PVC10	0.447
40	1 1/4"	1 1/2"	M40	20.0	15.0	30.0	89	22.0	32.1	55.0	61.0	78.0	40PXSS2K1RA534	PVC13	0.483
50S	1 1/2"	2"	M50	20.0	15.0	36.6	115	29.5	38.2	60.0	66.5	75.5	50SPXSS2K1RA535	PVC15	0.487
50	2"	2 1/2"	M50	23.0	15.0	41.0	115	35.6	44.1	70.0	78.6	80.5	50PXSS2K1RA536	PVC18	0.499
63S	2"	2 1/2"	M63	23.0	15.0	47.9	140	40.1	50.1	75.0	83.2	91.5	63SPXSS2K1RA536	PVC21	0.567
63	2 1/2"	3"	M63	25.0	15.0	53.7	140	47.2	56.0	80.0	89.0	92.0	63PXSS2K1RA537	PVC23	0.587
75S	2 1/2"	3"	M75	25.0	15.0	59.8	140	52.8	62.0	89.0	101.6	99.0	75SPXSS2K1RA537	PVC24	0.925
75	3"	3 1/2"	M75	36.0	15.0	64.3	140	59.1	68.0	99.0	111.1	102.0	75PXSS2K1RA538	PVC26	1.046
90	3 1/2"	4"	M90	36.0	15.0	75.3	140	66.6	79.4	114.0	128.6	120.0	90PXSS2K1RA539	PVC31	1.046

Dimensions are displayed in millimeters unless otherwise stated

**NOTE:** CMP SOLO LSF Halogen Free Shrouds also available on request

Cable Connector Size	Available Entry Threads "C"			Minimum Thread Length "E"		Diameter Over Conductors "A"	Number Of Cores	Overall Cable Diameter "B"		Across Flats "D"	Across Corners "D"	Protrusion Length "F"	Ordering Reference (NP Brass NPT)	PVC Shroud Ref*	Cable Connector Weight (Ozs)
	Standard	Option		NPT	Metric	Max	Max	Min	Max	Max	Max				
	NPT	NPT	Metric												
20S/16	1/2"	3/4"	M20	0.630	0.591	0.496	11	0.122	0.343	1.201	1.311	2.303	20S16PXSS2K1RA531	PVC04	5.68
20S	1/2"	3/4"	M20	0.630	0.591	0.496	11	0.240	0.460	1.201	1.311	2.303	20SPXSS2K1RA531	PVC04	5.68
20	1/2"	3/4"	M20	0.630	0.591	0.496	21	0.256	0.551	1.201	1.311	2.382	20PXSS2K1RA531	PVC05	7.09
20L	1/2"	3/4"	M20	0.630	0.591	0.496	21	0.394	0.626	1.201	1.311	2.382	20LPXSS2K1RA531	PVC05	7.09
25	3/4"	1"	M25	0.669	0.591	0.689	38	0.437	0.787	1.476	1.594	2.657	25PXSS2K1RA532	PVC09	11.44
32	1"	1 1/4"	M32	0.787	0.591	0.929	59	0.669	1.035	1.811	2.008	2.736	32PXSS2K1RA533	PVC10	15.75
32L	1"	1 1/4"	M32	0.787	0.591	0.929	59	0.790	1.079	1.811	2.008	2.736	32LPXSS2K1RA533	PVC10	15.75
40	1 1/4"	1 1/2"	M40	0.787	0.591	1.181	89	0.866	1.264	2.165	2.402	3.071	40PXSS2K1RA534	PVC13	17.03
50S	1 1/2"	2"	M50	0.787	0.591	1.441	115	1.161	1.504	2.362	2.618	2.972	50SPXSS2K1RA535	PVC15	17.17
50	2"	2 1/2"	M50	0.906	0.591	1.614	115	1.402	1.736	2.756	3.094	3.169	50PXSS2K1RA536	PVC18	17.59
63S	2"	2 1/2"	M63	0.906	0.591	1.886	140	1.579	1.972	2.953	3.276	3.602	63SPXSS2K1RA536	PVC21	20.00
63	2 1/2"	3"	M63	0.984	0.591	2.114	140	1.858	2.205	3.150	3.504	3.622	63PXSS2K1RA537	PVC23	20.71
75S	2 1/2"	3"	M75	0.984	0.591	2.354	140	2.079	2.441	3.504	4.000	3.898	75SPXSS2K1RA537	PVC24	32.63
75	3"	3 1/2"	M75	1.417	0.591	2.531	140	2.327	2.677	3.898	4.374	4.016	75PXSS2K1RA538	PVC26	36.89
90	3 1/2"	4"	M90	1.417	0.591	2.965	140	2.622	3.126	4.488	5.063	4.724	90PXSS2K1RA539	PVC31	36.89

Dimensions are displayed in inches unless otherwise stated

**NOTE:** CMP SOLO LSF Halogen Free Shrouds also available on request



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# TECHNICAL DATA

cCSAus Approval Certificate No.	<a href="#">2288626</a>
cCSAus Code of Protection Category	Class I, Div. 1, Groups C and D; Div 2, Groups A, B, C and D; Class II, Div. 1, Groups E, F, and G; Div. 2, Groups F and G; Class III, Div. 1, 2; Class I Zone 1 Ex d IIC / Ex e II
cCSAus Compliance Standards	CAN/CSA-C22.2 No 0-M91, CAN/CSA-C22.2 No 18-04, CAN/CSA-C22.2 No 25-1966 Locations, CAN/CSA-C22.2 No 30-M1986 Locations – Industrial Products, CAN/CSA-C22.2 No.174-M1984, CAN/CSA-C22.2 No.94-M91, CAN/CSA-E60079-0:07 General Requirements, CAN/CSA-E60079-7:07 Increase Safety “e”, CAN/CSA-E60079-1:07 Flameproof, CAN/CSA-E61241-1-1 Part 1-1, ANSI/UL 514B Edition 5, ANSI/UL 50 Edition 11, ANSI/UL 2225 Edition 4 Locations, UL60079-0:07 General Requirements, UL60079-7:07 Increase Safety “e”, UL60079-1:07 Flameproof
GOST R Certificate Number	<a href="#">POCC GB.HO06.B00207</a>
GOST R Code of Protection Category	Ex d IIC / Ex e II / DIP A21 / Ex d I / Ex e I
GOST R Compliance Standards	ГОСТ P 52350.0-2005, ГОСТ P 52350.1-2005, ГОСТ P 52350.7-2005, ГОСТ МЭК 61241-1-1-99
GOST GGTN Permit	<a href="#">PPC 00-40706</a>
GOST K Certificate Number	<a href="#">KZ 75000361 01 01 14761</a>
RoK Permit For Use Number	<a href="#">19-02-UL-1957</a>
Lloyds Approval No.	<a href="#">01/00172</a>
DNV Approval No.	<a href="#">E-10496</a>
ABS Approval No.	<a href="#">01-LD234401A/2-PDA</a>
INMETRO Approval Certificate No.	<a href="#">AEX-10786-X</a>
INMETRO Code of Protection Category	BR - Ex d IIC / BR - Ex e II - IP66
INMETRO Compliance Standards	ABNT NBR IEC 60079-0:2006, ABNT NBR IEC 60079-1:2007, IEC 60079-7:2001 e ABNT NBR IEC 60529:2005
NEPSI Certificate Number	<a href="#">GYJ081070</a>
NEPSI Code of Protection Category	Ex d IIC, Ex e II, Ex nR II, DIP A21 TA
NEPSI Compliance Standards	GB3836.1/2/3-2000, GB3836.8-2003, GB12476.1-2000
RETIE Approval Number	<a href="#">03866</a>
Type	PXSS2K
Design Specification	<a href="#">BS 6121:Part 1:1989</a> , <a href="#">EN 50262:1999</a> , UL 514B, UL 886, UL 2225, UL 2227
ATEX Certification Detail	<a href="#">SIRA06ATEX1097X</a> , <a href="#">SIRA07ATEX4326X</a>
ATEX Code of Protection Category	ATEX II 2 GD, Ex d IIC, Ex e II, Ex tD A21 IP66; ATEX II 3 G Ex nR, ATEX IM2. Ex d I, Ex e I
ATEX EN Compliance Standards	EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-15, EN 61241-0, EN 61241-1
IEC Ex Certification Detail	<a href="#">IECEx SIR 06.0044X</a>
IEC Ex Code of Protection Category	Ex d IIC, Ex e II, Ex nR II, Ex tD A21 IP66, Ex d I, Ex e I
IEC Ex Compliance Standards	IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-15, IEC 61241-0, IEC 61241-1
Continuous Operating Temperature	-60°C to +100°C
Ingress Protection Rating	IP66, IP67, IP68
Ingress Protection Document	<a href="#">5046 C549J</a>
Deluge Protection Compliance	<a href="#">DTS01 : 91</a>
Deluge Protection Document	<a href="#">5046 C549J-D</a>
Nema Rating	NEMA 4X
Cable Gland Material	Electroless Nickel Plated Brass, Brass, Aluminum, Stainless Steel
Seal Material	CMP SOLO LSF / Epoxy Resin Barrier Compound
Material Safety Data Sheet	<a href="#">Hardener / Resin</a>
Cable Type	Non-Armoured Marine & Tray Cable (TC) and Extra-Hard Usage Cord
Sealing Technique	CMP Unique Displacement Seal Concept
Sealing Area(s)	Inner Compound Barrier & Outer Sheath
Accessories	<a href="#">Adaptor/Reducer</a> , <a href="#">Earth Tag</a> , <a href="#">Locknut</a> , <a href="#">Serrated Washer</a> , <a href="#">Entry Thread Seal</a> , <a href="#">Shroud</a>

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