

PXSS2K Connector: Flame Proof Compound Barrier Type Cable Connector

Unarmored Tray Cable.

Applications

- Flame Proof Class I Division 2 Cable Connector suitable for Tray, Unarmored and Shipboard cables.

Features

- Connector provides an environmental seal on the cable jacket and an explosion proof compound barrier seal around the cable inner cores.
- The connector is UL listed for NPT or Metric entry threads and is manufactured in Brass.
- Continuous operating temperature -60°C to +100°C.

Materials:

- **Connector:** Brass construction (other materials available - consult factory). Finish is Brass with nickel plated brass threaded entry as standard.
- **Seal:** Solo LSF/Epoxy putty
- **Cable type:** Unarmored, Tray and Shipboard cable. Sealing technique - Displacement seal concept. Sealing area(s) - Inner compound barrier and outer sheath.

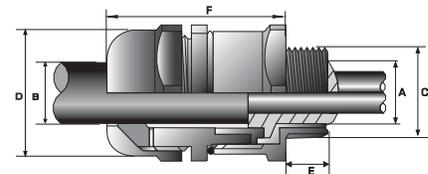
Optional Accessories:

- Locknut, earth tag, entry thread seal, serrated washer (I-38). Adaptors and reducers (I-35 thru I-37).
- Brass full nickel plate add suffix -5.
- Brass nickel plated entry only, add suffix -7.
- 316 Stainless steel add suffix -4.

Compliances/Approvals:

- Code of protection category: ATEX Ex d IIC & Ex e II , Ex nR II , Ex tD A21 IP66 , Equipment Zone I, Zone 2, Zone 21 and Zone 22 – Gas Groups IIA, IIB, IIC
- Compliance Standards: Class I, Div. 2, Groups ABCD, Class II, Div. 2, Groups FG, Class I, Zone 1, AEx d IIC, AEx e II
- Ingress Protection: IP66, IP67 & IP68 (to a depth of 10M), NEMA 4X

Note: CENELEC Zone I Certified version also available. Consult factory.



Ordering Information

Cable Connector Size	Available Entry Threads 'C'			Minimum Thread Length 'E'		Dia. Over Conductors 'A'	No. of Cores	Overall Cable Diameter 'B'		Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	NPT Catalog Number	PVC Shroud Reference	Cable Connector Wt (Ozs)
	Standard	Option	Metric	NPT	Metric			Max	Max						
20S/16	1/2"	3/4"	M20	0.630	0.591	0.496	15	0.122	0.343	0.945	1.047	2.303	20S16PXSS2K731	PVC04	5.68
20S	1/2"	3/4"	M20	0.630	0.591	0.496	15	0.240	0.470	0.945	1.047	2.303	20SPXSS2K1RA731	PVC04	5.68
20	1/2"	3/4"	M20	0.630	0.591	0.496	15	0.260	0.530	1.201	1.311	2.382	20PXSS2K1RA731	PVC05	7.09
20L	1/2"	3/4"	M20	0.630	0.591	0.496	15	0.390	0.630	1.201	1.311	2.382	20LPXSS2K1RA731	PVC05	7.09
25	3/4"	1"	M25	0.669	0.591	0.689	29	0.440	0.780	1.476	1.594	2.657	25PXSS2K1RA732	PVC09	11.44
32	1"	1-1/4"	M32	0.787	0.591	0.929	51	0.670	1.030	1.811	2.008	2.736	32PXSS2K1RA733	PVC10	15.75
32L	1"	1-1/4"	M32	0.787	0.591	0.929	51	0.790	1.079	1.811	2.008	2.736	32LPXSS2K1RA733	PVC10	15.75
40	1-1/4"	1-1/2"	M40	0.787	0.591	1.181	80	0.870	1.260	2.165	2.402	3.071	40PXSS2K1RA734	PVC13	17.03
50S	1-1/2"	2"	M50	0.787	0.591	1.441	122	1.160	1.500	2.362	2.618	2.972	50SPXSS2K1RA735	PVC14	17.17
50	2"	2-1/2"	M50	0.906	0.591	1.614	149	1.400	1.730	2.756	3.094	3.169	50PXSS2K1RA736	PVC17	17.59
63S	2"	2-1/2"	M63	0.906	0.591	1.886	205	1.580	1.960	2.953	3.276	3.602	63SPXSS2K1RA736	PVC20	20.00
63	2-1/2"	3"	M63	0.984	0.591	2.114	259	1.860	2.200	3.150	3.504	3.622	63PXSS2K1RA737	PVC22	20.71
75S	2-1/2"	3"	M75	0.984	0.591	2.354	320	2.080	2.440	3.504	4.000	3.898	75SPXSS2K1RA737	PVC24	32.63
75	3"	3-1/2"	M75	1.417	0.591	2.531	364	2.330	2.670	3.898	4.374	4.016	75PXSS2K1RA738	PVC26	36.89
90	3-1/2"	4"	M90	1.417	0.591	2.965	500	2.620	3.120	4.488	5.063	4.724	90PXSS2K1RA739	PVC31	76.61

All dimensions in inches.

Increased metric thread engagement is required for gas groups A and B. Please specify gas group, thread form and size when ordering.

Substitutions:

Full nickel plated brass - replace RA7 with RA5.

316L stainless steel - replace RA7 with RA4.