

Protex 2000 (PX2KX) Connector: Explosion proof Compound Barrier Type Cable Connector

Armored and Jacketed Cables.

Applications

- Explosion Proof Class I Division 1 Brass cable connector suitable for wire Braid Armor & Jacketed cables.

Features

- Connector provides an environmental seal on the cable outer jacket and an explosion proof compound barrier seal around the cable inner cores.
- Connector provides mechanical cable retention and electrical continuity via armor termination.
- The connector is UL listed for NPT and Metric threads.
- PX2KX forms part of a comprehensive connector range for marine shipboard and IEE45 armored & jacketed cables.

Materials:

- **Connector:** Brass construction. Finish is Brass with nickel plated brass threaded entry as standard.
- **Seal:** Solo LSF/Epoxy putty
- **Cable type:** Braid armor & jacketed. Armor termination - Disconnectable armor cone and ring. Sealing area(s) - Displacement seal concept.

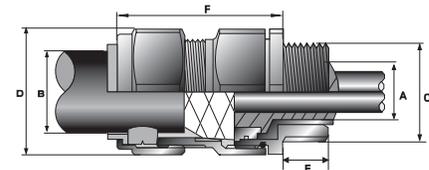
Optional Accessories:

- 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:

- cUL Listed - E161256
- UL 2225, UL 886 and UL 514B
- Class I, Groups A, B, C & D
- Class II, Groups E, F & G
- Class III
- Class I, Zone 1, AEx d IIC
- Ingress Protection: NEMA 4X, Oil Resistant II
- Third Party Approvals: IP66, IP67 & IP68 (to a depth of 10M)
- Shell / ERA deluge test DTS 01:1991 (after 20 years simulated accelerated ageing)
- ATEX Approval: SIRA 01ATEX1285X
- Marine Approvals - LLOYDS, DNV, ABS

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



Ordering Information

Cable Connector Size	Available Entry Threads 'C'		Dia. Over Conductors 'A'	Minimum Thread Length 'E'			No. of Cores	Overall cable Diameter 'B'			Armour Range †	Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	NPT Catalog Number	Metric Catalog Number	PVC Shroud Reference	Cable Connector Wt. (Ozs)
	Standard	Option		NPT	Metric	Max		Max	Min	Max								
20S/16	1/2"	3/4"	M20	0.63	0.591	0.496	15	0.240	0.453	0	0.039	0.945	1.047	2.303	2016PX2KX1RA731	20S16PX2KX1RA7	PVC04	7.06
20S	1/2"	3/4"	M20	0.630	0.591	0.496	15	0.374	0.626	0	0.039	0.945	1.047	2.303	20SPX2KX1RA731	20SPX2KX1RA7	PVC04	7.06
20	1/2"	3/4"	M20	0.630	0.591	0.496	15	0.492	0.823	0	0.039	1.201	1.311	2.382	20PX2KX1RA731	20PX2KX1RA7	PVC06	8.11
25S	3/4"	1"	M25	0.669	0.591	0.689	29	0.551	0.866	0	0.039	1.476	1.594	2.657	25SPX2KX1RA732	25SPX2KX1RA7	PVC09	11.64
25	3/4"	1"	M25	0.669	0.591	0.689	29	0.717	1.031	0	0.039	1.476	1.594	2.657	25PX2KX1RA732	25PX2KX1RA7	PVC09	11.64
32	1"	1-1/4"	M32	0.787	0.591	0.929	51	0.933	1.335	0	0.039	1.811	2.008	2.736	32PX2KX1RA733	32PX2KX1RA7	PVC11	17.99
40	1-1/4"	1-1/2"	M40	0.787	0.591	1.181	80	1.098	1.591	0	0.039	2.165	2.402	3.071	40PX2KX1RA734	40PX2KX1RA7	PVC15	25.40
50S	1-1/2"	2"	M50	0.787	0.591	1.441	122	1.386	1.839	0	0.039	2.362	2.618	2.972	50SPX2KX1RA735	50SPX2KX1RA7	PVC18	29.10
50	2"	2-1/2"	M50	0.906	0.591	1.614	149	1.591	2.091	0	0.039	2.756	3.094	3.169	50PX2KX1RA736	50PX2KX1RA7	PVC21	30.34
63S	2"	2-1/2"	M63	0.906	0.591	1.886	205	1.795	2.339	0	0.039	2.953	3.276	3.602	63SPX2KX1RA736	63SPX2KX1RA7	PVC23	51.15
63	2-1/2"	3"	M63	0.984	0.591	2.114	259	2.150	2.594	0	0.039	3.150	3.504	3.622	63PX2KX1RA737	63PX2KX1RA7	PVC25	56.44
75S	2-1/2"	3"	M75	0.984	0.591	2.354	320	2.323	2.839	0	0.039	3.504	4.000	3.898	75SPX2KX1RA7387	75SPX2KX1RA7	PVC28	81.13
75	3"	3-1/2"	M75	1.417	0.591	2.531	364	2.626	3.091	0	0.039	3.898	4.374	4.016	75PX2KX1RA738	75PX2KX1RA7	PVC30	107.59
90	3-1/2"	4"	M90	1.417	0.591	2.965	500	3.000	3.559	0	0.063	4.488	5.063	4.724	90PX2KX1RA739	90PX2KX1RA7	PVC32	176.37

All dimensions in inches.

Substitutions:

Full nickel plated brass - replace RA7 with RA5.

316L stainless steel - replace RA7 with RA4.

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