

PX2KX Connector: Explosionproof Compound Barrier Type Cable Connector

Wire Braid Armor and Jacketed Cables.

Class I, Groups A, B, C, D

Class II, Groups E, F, G

Class III

Class I, Zone 1, AEx d IIC

NEMA 4X

IP66, IP67, IP68

Applications

- Explosionproof Class I Division 1 brass cable connector suitable for wire braid armor and 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 and jacketed cables.
- Armor termination — removable armor cone and ring. Sealing area(s) — displacement seal concept.

Standard Materials

- Connector: brass fully nickel plated
- Seal: SOLO LSF (low smoke fumes) thermoplastic elastomer
- Epoxy putty

Options

- Brass with nickel plated threaded entry: replace **5** with **7**
- Aluminum: replace **5** with **1**
- 316L stainless steel: replace **5** with **4**
- Shroud, locknut, earth tag, entry thread seal, serrated washers, adaptors and reducers: see *Cable Gland Accessories* pages.

Certifications and Compliances

- Ingress Protection: NEMA 4X, Oil Resistant II
- Third Party Approvals: IP66, IP67 and IP68
- Shell / ERA deluge test DTS 01:1991 (after 20 years simulated accelerated ageing)

Approvals

- UL Standard: 2225
- UL Listed: E256367
- CSA Standard: C22.2 No. 174
- CSA Certified: 101909
- ATEX: SIRA 01ATEX1285X
- Marine: LLOYDS, DNV, ABS

Cable Connector Size	Standard Metric	Catalog Number Metric ①	Standard NPT	Catalog Number NPT ①	Option NPT	Catalog Number Alternate NPT Thread ①	Inches/Millimeters Dia. Over Conductors A Max
20S16	M20	2016PX2KX5	1/2"	2016PX2KX0505	3/4"	2016PX2KX0755	0.496/12.5
20S	M20	20SPX2KX5	1/2"	20SPX2KX0505	3/4"	20SPX2KX0755	0.496/12.5
20	M20	20PX2KX5	1/2"	20PX2KX0505	3/4"	20PX2KX0755	0.496/12.5
25S	M25	25SPX2KX5	3/4"	25SPX2KX0755	1"	25SPX2KX1005	0.689/17.5
25	M25	25PX2KX5	3/4"	25PX2KX0755	1"	25PX2KX1005	0.689/17.5
32	M32	32PX2KX5	1"	32PX2KX1005	1-1/4"	32PX2KX1255	0.929/23.5
40	M40	40PX2KX5	1-1/4"	40PX2KX1255	1-1/2"	40PX2KX1505	1.181/29.9
50S	M50	50SPX2KX5	1-1/2"	50SPX2KX1505	2"	50SPX2KX2005	1.441/36.6
50	M50	50PX2KX5	2"	50PX2KX2005	2-1/2"	50PX2KX2505	1.614/40.9
63S	M63	63SPX2KX5	2"	63SPX2KX2005	2-1/2"	63SPX2KX2505	1.886/47.9
63	M63	63PX2KX5	2-1/2"	63PX2KX2505	3"	63PX2KX3005	2.114/53.6
75S	M75	75SPX2KX5	2-1/2"	75SPX2KX3005	3"	75SPX2KX3005	2.354/59.7
75	M75	75PX2KX5	3"	75PX2KX3005	3-1/2"	75PX2KX3505	2.531/64.2
90	M90	90PX2KX5	3-1/2"	90PX2KX3505	4"	90PX2KX4005	2.965/75.3

① Entry thread seal not supplied, see *Cable Gland Accessories* and *Tools*.