

# PX2KX-REX Liquid Resin Barrier Type Cable Connector

## Explosionproof

Wire Braid Armor and Jacketed Cables.

**NEC/CEC:**  
Class I, Division 1 and 2, Groups A, B, C, D  
Class II, Division 1 and 2, Groups E, F, G  
Class III  
NEMA 4X  
IP66, IP67, IP68

**ATEX/IECEX:**  
Class I, Zone 1, Ex d IIC  
IP66, IP67, IP68

### Applications

- Explosionproof Class I Division 1 and 2 brass cable connector suitable for wire braid armor and jacketed cables.

### Features

- Utilizes RapidEx high speed liquid resin sealing compound included with each gland.
- The gland utilizes a liquid pour resin seal, that vastly reduces installation time and associated costs. This solution is particularly effective on multicore cables where traditional compound is difficult and time consuming to apply.
- Connector provides an environmental seal on the cable outer jacket and an explosionproof liquid resin barrier seal around the cable inner cores.
- Connector provides mechanical cable retention and electrical continuity via armor termination.
- 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
- High speed liquid resin sealing compound

### Options

- Aluminum: replace last digit **5** with **1**
- 316L stainless steel: replace last digit **5** with **4** (available by quote only)
- Shroud, locknut, earth tag, entry thread seal, serrated washers, adaptors and reducers: see *Cable Gland Accessories* pages.

### NEC/CEC Certifications and Compliances

- UL Standard: 2225
- CSA Standard: C22.2 No. 174
- cCSAus Certified: 101909

HAZARDOUS LOCATION FITTINGS: NEC/CEC, ATEX/IECEX EXPLOSIONPROOF CONNECTORS

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Cable Gland Size	Metric Thread C	Thread Length (Metric) mm (in) E	Catalog Numbers					
			Standard Metric ①	Standard NPT Thread C	Standard NPT ①	Optional NPT Thread C	Optional NPT ①	Replacement Sealing Resin
20S/16	M20	15.0 (0.59)	2016PX2KXREX5X	1/2	2016PX2KXRX505X	3/4	2016PX2KXRX755X	RAPIDEX30P
20S	M20	15.0 (0.59)	20SPX2KXREX5X	1/2	20SPX2KXRX0505X	3/4	20SPX2KXRX0755X	RAPIDEX30P
20	M20	15.0 (0.59)	20PX2KXREX5X	1/2	20PX2KXREX0505X	3/4	20PX2KXREX0755X	RAPIDEX30P
25S	M25	15.0 (0.59)	25SPX2KXREX5X	3/4	25SPX2KXRX0755X	1	25SPX2KXRX1005X	RAPIDEX30P
25	M25	15.0 (0.59)	25PX2KXREX5X	3/4	25PX2KXREX0755X	1	25PX2KXREX1005X	RAPIDEX30P
32	M32	15.0 (0.59)	32PX2KXREX5X	1	32PX2KXREX1005X	1-1/4	32PX2KXREX1255X	RAPIDEX30P
40	M40	15.0 (0.59)	40PX2KXREX5X	1-1/4	40PX2KXREX1255X	1-1/2	40PX2KXREX1505X	RAPIDEX30P
50S	M50	15.0 (0.59)	50SPX2KXREX5X	1-1/2	50SPX2KXRX1505X	2	50SPX2KXRX2005X	RAPIDEX80P
50	M50	15.0 (0.59)	50PX2KXREX5X	2	50PX2KXREX2005X	2-1/2	50PX2KXREX2005X	RAPIDEX80P
63S	M63	15.0 (0.59)	63SPX2KXREX5X	2	63SPX2KXRX2005X	2-1/2	63SPX2KXRX2505X	2RAPIDEX80P
63	M63	15.0 (0.59)	63PX2KXREX5X	2-1/2	63PX2KXREX2505X	3	63PX2KXREX3005X	2RAPIDEX80P
75S	M75	15.0 (0.59)	75SPX2KXREX5X	2-1/2	75SPX2KXRX2505X	3	75SPX2KXRX3005X	2RAPIDEX80P
75	M75	15.0 (0.59)	75PX2KXREX5X	3	75PX2KXREX3005X	3-1/2	75PX2KXREX3505X	3RAPIDEX80P
90	M90	20.0 (0.79)	90PX2KXREX5X	3	90PX2KXREX3005X	4	90PX2KXREX4005X	3RAPIDEX80P

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

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### ATEX/IECEX:

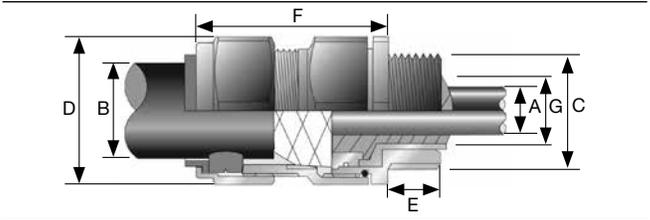
Class I, Zone 1, Ex d IIC  
IP66, IP67, IP68

### ATEX/IECEX Certifications and Compliances

- ATEX: SIRA13ATEX1072X, SIRA13ATEX4078X
- Marine: LLOYDS, DNV, ABS
- 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)



Dimensions in Millimeters (Inches)



Cable Gland Size	Maximum Diameter Over Conductors mm (in) A	Overall Cable Diameter mm (in) B		Maximum Cable Bedding Diameter mm (in) G	Across Flats mm (in) D	Across Corners mm (in) D	Nominal Protrusion Length mm (in) F	Optional PVC Shroud	Cable Gland Weight kg (oz)
		Min	Max						
20S/16	12.6 (0.5)	6.1 (0.24)	13.2 (0.52)	11.8 (0.47)	30.5 (1.20)	33.6 (1.32)	58.5 (2.30)	PVC06	0.20 (7.05)
20S	12.6 (0.5)	9.5 (0.37)	15.9 (0.63)	11.8 (0.47)	30.5 (1.20)	33.6 (1.32)	58.5 (2.30)	PVC06	0.20 (7.05)
20	12.6 (0.5)	12.5 (0.49)	20.9 (0.82)	14.1 (0.56)	30.5 (1.20)	33.6 (1.32)	60.5 (2.38)	PVC06	0.23 (8.11)
25S	17.5 (0.69)	14.0 (0.55)	22.0 (0.87)	20.1 (0.79)	37.5 (1.48)	41.3 (1.63)	67.5 (2.66)	PVC09	0.33 (11.64)
25	17.5 (0.69)	18.2 (0.72)	26.2 (1.03)	20.1 (0.79)	37.5 (1.48)	41.3 (1.63)	67.5 (2.66)	PVC09	0.33 (11.64)
32	23.6 (0.93)	23.7 (0.93)	33.9 (1.33)	26.4 (1.04)	46.0 (1.81)	50.6 (1.99)	69.5 (2.74)	PVC11	0.51 (17.99)
40	30.0 (1.18)	27.9 (1.10)	40.4 (1.59)	32.3 (1.27)	55.0 (2.17)	60.5 (2.38)	78.0 (3.07)	PVC15	0.72 (25.40)
50S	36.6 (1.44)	35.2 (1.39)	46.7 (1.84)	38.3 (1.51)	60.0 (2.36)	66.0 (2.60)	75.5 (2.97)	PVC18	0.83 (29.10)
50	41.0 (1.61)	40.4 (1.59)	53.1 (2.09)	44.2 (1.74)	70.0 (2.76)	77.0 (3.03)	80.5 (3.17)	PVC21	0.86 (30.34)
63S	47.9 (1.89)	45.6 (1.80)	59.4 (2.34)	50.1 (1.97)	75.0 (2.95)	82.5 (3.25)	91.5 (3.60)	PVC23	1.45 (51.15)
63	53.7 (2.11)	54.6 (2.15)	65.9 (2.59)	56.1 (2.21)	80.0 (3.15)	88.0 (3.46)	92.0 (3.62)	PVC25	1.60 (56.44)
75S	59.9 (2.36)	59.0 (2.32)	72.1 (2.84)	62.1 (2.44)	89.0 (3.50)	97.9 (3.85)	99.0 (3.90)	PVC28	2.30 (91.71)
75	64.3 (2.53)	66.7 (2.63)	78.5 (3.09)	64.3 (2.53)	99.0 (3.90)	108.9 (4.29)	102.0 (4.02)	PVC30	3.05 (107.59)
90	75.3 (2.96)	76.2 (3.00)	90.4 (3.56)	78.4 (3.09)	114.0 (4.49)	125.4 (4.94)	120.0 (4.72)	PVC32	5.00 (176.37)

HAZARDOUS LOCATION FITTINGS: NEC/CEC, ATEX/IECEX EXPLOSIONPROOF CONNECTORS

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