

# PX2K Series Nickel Plated Brass Cable Glands

## Increased Safety and Flameproof

(Braids, Tape and Wire with Lead Sheath Version) with Compound Barrier Seal.

NEC/CEC (Braid-Armor Cable, Armored Jacketed Marine Shipboard Cable):  
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

ATEX/IECEx:  
Zone 1 and 2 – 21 and 22  
II 2 GD  
IP66/68 (10 m)

### Applications:

- Cable gland for all types of armored cables (braid, tape, wire and lead sheath version) certified for enclosures with the following protection modes:
  - Ex d flameproof IIB or IIC (as per §10.4.2 of IEC 60079-14) (Refer to the ATX Guide for Use of Electrical Products in Hazardous Locations)
  - Ex e increased safety.
  - Ex nR restricted breathing.
  - D dust environment.
- Hazardous areas (gas and dust).
- Onshore and offshore.

### Features

- Cable gland with compound barrier seal for use in hazardous areas with all types of armored cables (braid, tape and wire).
- The cable gland provides mechanical cable retention and earth continuity via cable armor termination.
- A combined detachable armor cone and compound tube, together with AnyWay universal clamping ring arrangement allows the cable to be easily disconnected from the equipment.
- The cable gland is IP66/68 and complies with deluge protection tests.
- The cable gland is supplied with epoxy resin and two detachable armor cones.

### Standard Materials

- Body: nickel plated brass
- Epoxy resin barrier compound
- Seal: LSF (Low Smoke Fume) thermoplastic elastomer displacement outer seal

### Options

- 316L stainless steel version: replace last digit 5 with 4
- Lead sheath version: Replace **PX2K** with **PX2KPB**
- Copper-free aluminum: replace last digit 5 with 1
- 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
- UL Listed: E161256, E201187
- CSA Standard: C22.2 No. 174
- cCSAus Certified: 101909

HAZARDOUS LOCATION FITTINGS: NEC/CEC EXPLOSIONPROOF AND ATEX/IECEx FLAMEPROOF CABLE GLANDS

Cable Gland Size	Metric Thread C	Catalog Numbers					Maximum Cable Bedding Diameter mm (in) G	Minimum Thread Length mm (in) E
		Standard Metric ①	Standard NPT Thread C	Standard NPT ①	Optional NPT Thread C	Optional NPT Thread ①		
20S16	M20	2016PX2K5	1/2	2016PX2K0505	3/4	2016PX2K0755	11.8 (0.46)	15.0 (0.59)
20S	M20	20SPX2K5	1/2	20SPX2K0505	3/4	20SPX2K0755	11.8 (0.46)	15.0 (0.59)
20	M20	20PX2K5	1/2	20PX2K0505	3/4	20PX2K0755	13.5 (0.53)	15.0 (0.59)
25S	M25	25SPX2K5	3/4	25SPX2K0755	1	25SPX2K1005	19.5 (0.77)	15.0 (0.59)
25	M25	25PX2K5	3/4	25PX2K0755	1	25PX2K1005	19.5 (0.77)	15.0 (0.59)
32	M32	32PX2K5	1	32PX2K1005	1-1/4	32PX2K1255	25.8 (1.02)	15.0 (0.59)
40	M40	40PX2K5	1-1/4	40PX2K1255	1-1/2	40PX2K1505	32.3 (1.27)	15.0 (0.59)
50S	M50	50SPX2K5	1-1/2	50SPX2K1505	2	50SPX2K2005	38.3 (1.51)	15.0 (0.59)
50	M50	50PX2K5	2	50PX2K2005	2-1/2	50PX2K2505	44.2 (1.74)	15.0 (0.59)
63S	M63	63SPX2K5	2	63SPX2K2005	2-1/2	63SPX2K2505	50.1 (1.97)	15.0 (0.59)
63	M63	63PX2K5	2-1/2	63PX2K2505	3	63PX2K 3005	56.1 (2.21)	15.0 (0.59)
75S	M75	75SPX2K5	2-1/2	75SPX2K2505	3	75SPX2K3005	62.1 (2.44)	15.0 (0.59)
75	M75	75PX2K5	3	75PX2K3005	3-1/2	75PX2K3505	68.1 (2.68)	15.0 (0.59)
90	M90	90PX2K5	3	90PX2K3005	3-1/2	90PX2K3505	78.4 (3.09)	24.0 (0.94)
100	M100	100PX2K5	4	100PX2K4005	4	100PX2K5005	91.1 (3.59)	24.0 (0.94)

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