

PX (PXSS2K) Series Compound Barrier Type Cable Glands

For Unarmored Cables

Increased Safety, Flameproof, Restricted Breathing and Dust Environment

Zone 1 and 2, Zone 20
Gas (G) and Dust (D)

Applications

- Cable gland for all types of armored cable certified for enclosures with the following protection modes:
 - Ex d flameproof IIB or IIC (as per §10.4.2 of IEC 60079-14)
 - Ex e increased safety.
 - Ex nR restricted breathing.
 - Ex d flameproof.
- Hazardous areas (gas and dust).
- Onshore and offshore.

Features

- Connector provides an environmental seal on the cable jacket and an explosionproof compound barrier seal around the cable inner cores.
- The connector is UL Listed for NPT or Metric entry threads.
- Continuous operating temperature -60 °C to +85 °C.
- Sealing technique: displacement seal concept.
- Sealing area(s): inner compound barrier and outer sheath.

Standard Materials

- Connector: brass fully nickel plated.
- Seal: LSF (Low Smoke Fume) Halogen Free thermoset elastomer.
- Epoxy putty.

Options

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

Cable Gland Size	Metric Thread C	Catalog Numbers					Minimum Thread Length mm E	Maximum Number of Cores
		Standard Metric ①	Standard NPT Thread C	Standard NPT ①	Optional NPT Thread C	Optional NPT Thread ①		
20S16	M20	2016PX5	1/2"	2016PX0505	3/4"	2016PX0755	15.0	11
20S	M20	20SPX5	1/2"	20SPX0505	3/4"	20SPX0755	15.0	11
20	M20	20PX5	1/2"	20PX0505	3/4"	20PX0755	15.0	11
25	M25	25PX5	3/4"	25PX0755	1"	25PX1005	15.0	21
32	M32	32PX5	1"	32PX1005	1-1/4"	32PX1255	15.0	38
40	M40	40PX5	1-1/4"	40PX1255	1-1/2"	40PX1505	15.0	59
50S	M50	50SPX5	1-1/2"	50SPX1505	2"	50SPX2005	15.0	89
50	M50	50PX5	2"	50PX2005	2-1/2"	50PX2505	15.0	89
63S	M63	63SPX5	2"	63SPX2005	2-1/2"	63SPX2505	15.0	115
63	M63	63PX5	2-1/2"	63PX2505	3"	63PX3005	15.0	115
75S	M75	75SPX5	2-1/2"	75SPX2505	3"	75SPX3005	15.0	140
75	M75	75PX5	3"	75PX3005	3-1/2"	75PX3505	15.0	140
90	M90	90PX5	3-1/2"	90PX3505	4"	90PX4005	24.0	200
100	M100	100PX5	4"	100PX4005	5"	100PX5005	24.0	200

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

Shaded catalog numbers are normally stocked items. All other items are made to order.

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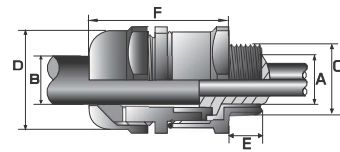
Zone 1 and 2, Zone 20
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ATEX/IECEX Certifications and Compliances

- **Certification Type PXSS2K**
 - Gas: Zones 1 and 2
 - Type of Protection: Ex d IIC Gb, Ex e IIC Gb, Ex nR IIC Gc
 - Dust: Zone 20
 - Type of Protection: Ex ta IIIC Da
 - Conforming to ATEX 94/9/CE: Ⓜ II 2G 3G 1D
 - Ambient Temperature: -60 °C to +85 °C
 - CE Declaration of Conformity: DC07001
 - ATEX Certificate: Sira 13ATEX10712X, Sira 13ATEX4078X
 - IECEX Certificate: IECEX SIR 13.0027X, IECEX SIM 14.0008X
 - Other Certifications: cCSAus, UL, KCC, CCOE/PESO (india)
 - Marine Approval: LLOYDS, DNV, ABS
 - Index of Protection according EN/IEC 60529: IP66, IP67, IP68
 - Deluge Protection Compliance: DTS01:91



Dimensions in Millimeters



INMETRO Certification

- INMETRO Certificate: TUV 12.2073X

EURASEC Certification

- TC RU C-GB.ГБ.05.В.00138

Cable Gland Size	Maximum Diameter Over Conductors mm A	Overall Cable Diameter mm B		Across Flats mm D	Across Corners mm D	Protrusion Length mm F	PVC Shroud Reference	Cable Gland Weight kg
		Min	Max					
20S16	8.6	3.1	8.6	30.0	33.0	53.1	PVC06	0.20
20S	11.7	6.1	11.7	30.0	33.0	53.1	PVC06	0.20
20	12.6	6.5	14.0	30.0	33.0	54.2	PVC06	0.20
25	17.5	11.1	20.0	36.0	39.6	60.0	PVC09	0.33
32	23.6	17.0	26.3	41.0	45.1	61.1	PVC10	0.39
40	30.0	22.0	32.1	50.0	55.0	62.4	PVC13	0.56
50S	36.6	29.5	38.2	55.0	60.5	65.2	PVC15	0.66
50	41.0	35.6	44.0	60.0	66.0	67.6	PVC18	0.73
63S	47.9	40.1	49.9	70.1	77.1	71.1	PVC21	1.07
63	53.7	47.2	55.9	75.0	82.5	70.4	PVC23	1.06
75S	59.9	52.8	61.9	80.0	88.0	75.3	PVC25	1.30
75	64.3	59.1	67.9	85.0	93.5	74.9	PVC27	1.30
90	75.3	66.6	79.4	108.0	118.8	94.8	PVC31	3.02
100	85.6	76.0	90.9	123.0	135.3	86.3	LSF33	4.00

ZONE 1 RATED NICKEL PLATED BRASS CABLE GLANDS

Fittings