

Cable Glands

PX and PX2K Series: Nickel Plated Brass Cable Glands for Unarmored and Armored Cables with Compound Barrier Seal – Increased Safety and Flameproof



PX Series



PX2K Series

Compliance Data:

ATEX – IECEx:

Zone 1 & 2 – 21 & 22	ATEX	II 2 GD	IECEx	CE
Ex d IIC or Ex e II or Ex nR II	Ex tD A21	IP 66/68 (10m)		

Operating Temperature:

-60°C to +100°C				
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CABLE GLANDS

Cable Glands

PX Series: Nickel Plated Brass Cable Glands for Unarmored Cables with Compound Barrier Seal – Increased Safety and Flameproof

Zone 1 & 2 – 21 & 22

Ex II 2 GD

ATEX / IECEx

IP66/68 (10 m)



PX (PXSS2K) Series – Applications:

- Cable gland for unarmored cables 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 Guide for Use of Electrical Products in Hazardous Locations - Pages G43 - G46.).
 - 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 unarmored cables.
- The cable gland provides mechanical cable retention.

- A combined detachable spacer and compound tube allows the cable to be easily disconnected from the equipment.
- The cable gland is IP66 / 68 and complies with deluge protection tests.
- Epoxy resin supplied with the cable gland.

Materials:

- Body: nickel plated brass (suffix 5).
- 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.
Example: 25 PX 075 5 – 25 PX 075 4.
- Brass version: remove last digit 5.
Example: 25 PX 075 5 – 25 PX 075.

Ordering Information:

Cable Gland Size	Resin A		Cable (mm) Outer B		Dim. D (mm)		Length F (mm)	Catalog Numbers						Weight (kg)
	Ø (mm)	(1)	Min.	Max.	Corner	Flat		Metric*		NPT		NPT (other versions)		
20S/16	12.6	15	3.0	8.7	26.6	24.0	58.5	M20	2016 PX 5	1/2"	2016 PX 050 5	3/4"	2016 PX 075 5	0.15
20S	12.6	15	6.1	11.7	26.6	24.0	58.5	M20	20S PX 5	1/2"	20S PX 050 5	3/4"	20S PX 075 5	0.15
20	12.6	15	6.5	14.0	33.3	30.5	60.5	M20	20 PX 5	1/2"	20 PX 050 5	3/4"	20 PX 075 5	0.15
25	17.5	29	11.1	20.0	40.5	37.5	67.5	M25	25 PX 5	3/4"	25 PX 075 5	1"	25 PX 100 5	0.27
32	23.6	51	17.0	26.3	51.0	46.0	69.5	M32	32 PX 5	1"	32 PX 100 5	1-1/4"	32 PX 125 5	0.29
40	30.0	80	22.0	32.1	61.0	55.0	78.0	M40	40 PX 5	1-1/4"	40 PX 125 5	1-1/2"	40 PX 150 5	0.40
50S	36.6	122	29.5	38.2	66.5	60.0	75.5	M50	50S PX 5	1-1/2"	50S PX 150 5	2"	50S PX 200 5	0.49
50	41.0	149	35.6	44.1	78.6	70.0	80.5	M50	50 PX 5	2"	50 PX 200 5	2-1/2"	50 PX 250 5	0.51
63S	47.9	205	40.1	50.1	83.2	75.0	91.5	M63	63S PX 5	2"	63S PX 200 5	2-1/2"	63S PX 250 5	0.60
63	53.7	259	47.2	56.0	89.0	80.0	92.0	M63	63 PX 5	2-1/2"	63 PX 250 5	3"	63 PX 300 5	0.62
75S	59.8	230	52.8	62.0	101.6	89.0	99.0	M75	75S PX 5	2-1/2"	75S PX 250 5	3"	75S PX 300 5	1.05
75	64.3	364	59.1	68.0	111.1	99.0	102.0	M75	75 PX 5	3"	75 PX 300 5	3-1/2"	75 PX 350 5	1.15

*Entry thread seal not supplied, see accessories section.

(1) Number of cores (Max.)

Accessories: (Locknut, entry thread seal, serrated washer, earth tag and shroud - see accessories section)

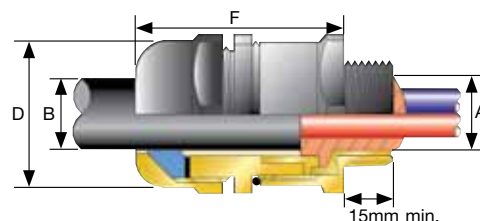
Compliances:

Hazardous Area	Gas	Dust
Certification Type	PXSS2K	
Zones	1-2, 21-22	
Conforming to 94/9/CE ATEX	Ex II 2 GD	
Symbol of Protection ATEX	Ex d IIC, Ex e II,	Ex tD A21
Symbol of Protection IEC	Ex nR II	
T Rating	-	
Surface Temperature	N.A.	
Ambient Temperature	-60°C to +100°C	
CE Declaration of Conformity	DC07001	
ATEX Certificate	SIRA 06 ATEX 1097X	
IECEx Certificate	IECEx SIR 06.0044X	
Other Certifications	CSA, UL, GOST, Lloyds, DNV, ABS	
Index of Protection (solid and liquid)	IP66 / IP68 (10 m)	

Standards:

Ex Standards	EN / IEC 60079-0; 60079-1; 60079-7; 60079-15; 61241-0; 61241-1
Product Standards	BS 6121, NF E 03 601 (conical thread); ISO 065/I/III (metric thread)
Other Standards	GOST, UL, CSA

Dimensions (mm):



Cable Glands

PX2K Series: Nickel Plated Brass Cable Glands for All Types of Armored Cables

(Braids, Tape and Wire with Lead Sheath Version) with Compound Barrier Seal – Increased Safety and Flameproof

Zone 1 & 2 – 21 & 22

Ex II 2 GD

ATEX / IECEx

IP66/68 (10 m)



PX2K Series – 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 Guide for Use of Electrical Products in Hazardous Locations - Pages G43 - G46).
 - 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.

Materials:

- Body: nickel plated brass (suffix 5).
- 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.
Example: 25 PX2K 075 5 – 25 PX2K 075 4.
- Lead sheath version: Replace PX2K with PX2KPB. Example: 25 PX2K 075 5 – 25 PX2KPB 075 5.
- Brass version: remove last digit 5.
Example: 25 PX2K 075 5 – 25 PX2K 075.

Ordering Information:

Cable Gland Size	Resin A		Cable (mm) Outer B		Dim. D (mm)		Length F (mm)	Catalog Numbers						Weight (kg)
	Ø (mm)	(1)	Min.	Max.	Corner	Flat		Metric*		NPT		NPT (other versions)		
2016	12.6	15	6.1	11.5	26.6	24.0	58.5	M20	2016 PX2K 5	1/2"	2016 PX2K 050 5	3/4"	2016 PX2K 075 5	0.20
20S	12.6	15	9.5	15.9	26.6	24.0	58.5	M20	20S PX2K 5	1/2"	20S PX2K 050 5	3/4"	20S PX2K 075 5	0.20
20	12.6	15	12.5	20.9	33.3	30.5	60.5	M20	20 PX2K 5	1/2"	20 PX2K 050 5	3/4"	20 PX2K 075 5	0.23
25S	17.5	29	14.0	22.0	40.5	37.5	67.5	M25	25S PX2K 5	3/4"	25S PX2K 075 5	1"	25S PX2K 100 5	0.33
25	17.5	29	18.2	26.2	40.5	37.5	67.5	M25	25 PX2K 5	3/4"	25 PX2K 075 5	1"	25 PX2K 100 5	0.33
32	23.6	51	23.7	33.9	51.0	46.0	69.5	M32	32 PX2K 5	1"	32 PX2K 100 5	1-1/4"	32 PX2K 125 5	0.51
40	30.0	80	27.9	40.4	61.0	55.0	78.0	M40	40 PX2K 5	1-1/4"	40 PX2K 125 5	1-1/2"	40 PX2K 150 5	0.72
50S	36.6	122	35.2	46.7	66.5	60.0	75.5	M50	50S PX2K 5	1-1/2"	50S PX2K 150 5	2"	50S PX2K 200 5	0.82
50	41.0	149	40.4	53.1	78.6	70.0	80.5	M50	50 PX2K 5	2"	50 PX2K 200 5	2-1/2"	50 PX2K 250 5	0.86
63S	47.9	205	45.6	59.4	83.2	75.0	91.5	M63	63S PX2K 5	2"	63S PX2K 200 5	2-1/2"	63S PX2K 250 5	1.45
63	53.7	259	54.6	65.9	89.0	80.0	92.0	M63	63 PX2K 5	2-1/2"	63 PX2K 250 5	3"	63 PX2K 300 5	1.60
75S	59.8	320	59.0	72.1	101.6	89.0	99.0	M75	75S PX2K 5	2-1/2"	75S PX2K 250 5	3"	75S PX2K 300 5	2.30
75	64.3	364	66.7	78.5	111.1	99.0	102.0	M75	75 PX2K 5	3"	75 PX2K 300 5	3-1/2"	75 PX2K 350 5	3.05
90	75.3	500	76.2	90.4	128.6	114.0	120.0	M90	90 PX2K 5	3"	90 PX2K 300 5	3-1/2"	90 PX2K 350 5	5.00

*Entry thread seal not supplied, see accessories section.

(1) Number of cores (Max.)

Accessories: (Locknut, entry thread seal, serrated washer, earth tag and shroud - see accessories section)

Compliances:

Hazardous Area	Gas	Dust
Certification Type	PX2K	
Zones	1-2, 21-22	
Conforming to 94/9/CE ATEX	Ex II 2 GD	
Symbol of Protection ATEX	Ex d IIC, Ex e II,	Ex tD A21
Symbol of Protection IEC	Ex nR II	
T Rating	-	
Surface Temperature	N.A.	
Ambient Temperature	-60°C to +100°C	
CE Declaration of Conformity	DC07001	
ATEX Certificate	SIRA 06 ATEX 1097X	
IECEx Certificate	IECEx SIR 06.0044X	
Other Certifications	GOST, Lloyds, DNV, ABS	
Index of Protection (solid and liquid)	IP66 / IP68 (10 m)	

Standards:

Ex Standards	EN / IEC 60079-0; 60079-1; 60079-7; 60079-15; 61241-0; 61241-1
Product Standards	BS 6121, NF E 03 601 (conical thread); ISO 065/I/III (metric thread)
Other Standards	GOST

Dimensions (mm):

