

PXSS2K-REX Series Liquid Resin 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.
 - Ex e increased safety.
 - Ex nR restricted breathing.
 - Ex d flameproof.
- Hazardous areas (gas and dust).
- Onshore and offshore.

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 jacket and an explosionproof liquid resin barrier seal around the cable inner cores.

- Continuous operating temperature -60 °C to +85 °C
- Sealing technique - displacement seal concept. Sealing area(s) - inner liquid resin barrier and outer sheath.
- Sealing technique: LRS outer seal (load retention seal).
- Sealing area(s): inner liquid resin barrier and outer sheath.

Standard Materials

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

Cable Gland Size	Metric Thread C	Standard Metric ①	Standard NPT Thread C	Standard NPT ①	Optional NPT Thread C	Optional NPT ①	Replacement Sealing Resin	Maximum Diameter Over Conductors mm A
20S/16	M20	2016PXREX5	1/2"	2016PXREX0505	3/4"	2016PXREX0755	RAPIDEX30	8.6
20S	M20	20SPXREX5	1/2"	20SPXREX0505	3/4"	20SPXREX0755	RAPIDEX30	11.7
20	M20	20PXREX5	1/2"	20PXREX0505	3/4"	20PXREX0755	RAPIDEX30	12.6
25	M25	25PXREX5	3/4"	25PXREX0755	1"	25PXREX1005	RAPIDEX30	17.5
32	M32	32PXREX5	1"	32PXREX1005	1-1/4"	32PXREX1255	RAPIDEX30	23.6
40	M40	40PXREX5	1-1/4"	40PXREX1255	1-1/2"	40PXREX1505	RAPIDEX30	30.0
50S	M50	50SPXREX5	1-1/2"	50SPXREX1505	2"	50SPXREX2005	RAPIDEX80	36.6
50	M50	50PXREX5	2"	50PXREX2005	2-1/2"	50PXREX2505	RAPIDEX80	41.0
63S	M63	63SPXREX5	2"	63SPXREX2005	2-1/2"	63SPXREX2505	2RAPIDEX80	47.9
63	M63	63PXREX5	2-1/2"	63PXREX2505	3"	63PXREX3005	3RAPIDEX80	53.7
75S	M75	75SPXREX5	2-1/2"	75SPXREX2505	3"	75SPXREX3005	3RAPIDEX80	59.9
75	M75	75PXREX5	3"	75PXREX3005	3-1/2"	75PXREX3505	3RAPIDEX80	64.3
90	M90	90PXREX5	3-1/2"	90PXREX3505	4"	90PXREX4005	3RAPIDEX80	75.3

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

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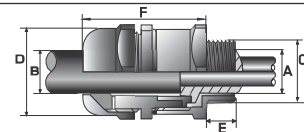
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ATEX/IECEX Certifications and Compliances

- **Certification Type PXSS2K-REX**
 - 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 13ATEX1072X, Sira 13ATEX4078X
 - IECEX Certificate: IECEX SIR 13.0027X, IECEX SIM 14.0008X
 - Other Certifications: cCSAus, 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 Number of Cores	Maximum Cable Bedding Diameter mm G	Minimum Thread Length mm E	Cable Bedding Diameter mm B		Across Flats mm D	Across Corners mm D	Protrusion Length mm F	PVC Shroud Reference	Cable Gland Weight kg
				Min	Max					
20S/16	11	8.6	15.0	3.1	8.6	30.0	33.0	53.1	PVC06	0.20
20S	11	11.7	15.0	6.1	11.7	30.0	33.0	53.1	PVC06	0.20
20	11	12.9	15.0	6.5	14.0	30.0	33.0	54.2	PVC06	0.20
25	21	17.9	15.0	11.1	20.0	36.0	39.6	60.0	PVC09	0.33
32	38	23.9	15.0	17.0	26.3	41.0	45.1	61.1	PVC10	0.59
40	59	30.3	15.0	22.0	32.1	50.0	55.0	62.4	PVC13	0.56
50S	89	36.9	15.0	29.5	38.2	55.0	60.5	65.2	PVC15	0.66
50	89	41.3	15.0	35.6	44.0	60.0	66.0	67.6	PVC18	0.73
63S	115	48.4	15.0	40.1	49.9	70.0	77.0	71.1	PVC21	1.07
63	115	54.0	15.0	47.2	55.9	75.0	82.5	70.4	PVC23	1.06
75S	140	60.2	15.0	52.8	61.9	80.0	88.0	75.3	PVC25	1.30
75	140	64.2	24.0	59.1	67.9	85.0	93.5	74.9	PVC27	1.30
90	200	75.6	24.0	66.6	79.4	108.0	118.8	94.8	PVC31	3.02

ZONE 1 RATED NICKEL PLATED BRASS CABLE GLANDS

Fittings