PX2K-REX Series Liquid Resin Barrier Type Cable Glands

Increased Safety, Flameproof, Restricted Breathing and Dust Locations

For Armored 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, Division 1 and 2 | Type 4X: Oil Resistant II
ATEX/IECEx : Zones 1 and 2 – 20
Notable: UKEX, INMETRO, EAC Certified

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
  - — 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 outer jacket and an explosionproof liquid resin barrier seal around the cable inner cores.
- The cable gland provides mechanical cable retention and earth continuity via cable armor termination.

Standard Materials

- Connector: brass fully nickel plated.
- Outer seal nut: consists of an elastomeric seal and nylon identification ferrule
- High speed liquid resin sealing compound.

Options

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

NEC/CEC Certifications and Compliances

- UL Standard: UL 514B Ed 5, UL 50 Ed 11, UL 2225 Ed 4, UL60079-0,1,7,15,31
- CSA Standard: CSA-C22.2 No 0,18,25,30,94,174; CSA-E60079-0,1,7,31; CSA-E61241-1-1, Part 1-1
- cCSAus Certified: 2288626

ATEX/IECEx Certifications and Compliances

- Certification Type: Type PX**
  - — Gas: Zones 1 and 2
    - – Type of Protection: Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc
  - — Dust: Zone 20
    - – Type of Protection: Ex ta IIIC Da

Cable Gland Size	Catalog Numbers Metric Thread C	Standard Metric ①	Standard NPT Thread C	Standard NPT ①	Optional NPT Thread C	Optional NPT Thread ①	Résine de remplacement	Maximum Number of Cores
20S16	M20	**2016PX2KREX5**	1/2	**2016PX2KREX0505**	3/4	**2016PX2KREX0505**	**RAPIDEX30P**	21
20S	M20	**20SPX2KREX5**	1/2	**20SPX2KREX0505**	3/4	**20SPX2KREX0755**	**RAPIDEX30P**	21
20	M20	**20PX2KREX5**	1/2	**20PX2KREX0505**	3/4	**20PX2KREX0755**	**RAPIDEX30P**	21
25S	M25	**25SPX2KREX5**	3/4	**25SPX2KREX0755**	1	**25SPX2KREX1005**	**RAPIDEX30P**	30
25	M25	**25PX2KREX5**	3/4	**25PX2KREX0755**	1	**25PX2KREX1005**	**RAPIDEX30P**	30
32	M32	**32PX2KREX5**	1	**32PX2KREX1005**	1-1/4	**32PX2KREX1255**	**RAPIDEX30P**	38
40	M40	**40PX2KREX5**	1-1/4	**40PX2KREX1255**	1-1/2	**40PX2KREX1505**	**RAPIDEX30P**	59
50S	M50	**50SPX2KREX5**	1-1/2	**50SPX2KREX1505**	2	**50SPX2KREX2005**	**RAPIDEX80P**	89
50	M50	**50PX2KREX5**	2	**50PX2KREX2005**	2-1/2	**50PX2KREX2505**	**RAPIDEX80P**	115
63S	M63	**63SPX2KREX5**	2	**63SPX2KREX2005**	2-1/2	**63SPX2KREX2505**	**2RAPIDEX80P**	115
63	M63	**63PX2KREX5**	2-1/2	**63PX2KREX2505**	3	**63PX2KREX3005**	**2RAPIDEX80P**	115
75S	M75	**75SPX2KREX5**	2-1/2	**75SPX2KREX2505**	3	**75SPX2KREX3005**	**2RAPIDEX80P**	140
75	M75	**75PX2KREX5**	3	**75PX2KREX3005**	3-1/2	**75PX2KREX3505**	**3RAPIDEX80P**	140
90	M90	**90PX2KREX5**	3-1/2	**90PX2KREX3505**	4	**90PX2KREX4005**	**3RAPIDEX80P**	140
90	M90	**90PXREX5**	3-1/2	**90PXREX3505**	4	**90PXREX4005**	**3RAPIDEX80P**	140

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

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- Conforming to ATEX 2014/34/EU: ⟨Ex⟩ II 2G 3G 1D
- Ambient Temperature: -60 °C to +85 °C (-76 °F to +185 °F)
- ATEX Certificate: CML 18ATEX1325X, CML 18ATEX4317X
- IECEx Certificate: IECEx CML 18.0182X
- Index of Protection according EN/IEC 60529: IP66, IP67, IP68
- Deluge Protection Compliance: DTS01:91

UKEX Certifications

- UKEX Certificates: CML 21UKEX1214X, CML 21UKEX4215X

INMETRO Certifications

- INMETRO Certificate: TUV 12.2073X, for INMETRO marking, add B after PX2KREX. Example: 20PX2KREXB5

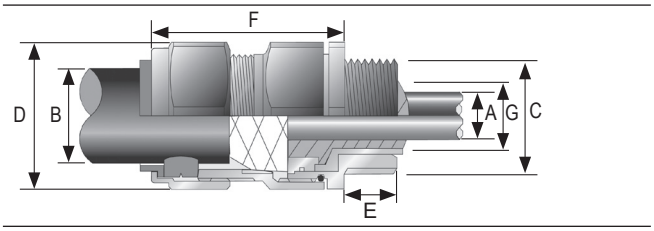
EAC Certifications

- EAC Certificate: C-GB.A07.B.04595/22; for EAC marking, add U after PX2KREX. Example: 20PX2KREXU5

Other Certifications

- KCs, CCC, CCOE/PESO (India), ECAS (UAE), UkrSEPRO (Ukraine)
- Marine Approval: LLOYDS, DNV, ABS

Dimensions in Millimeters



Cable Gland Size	Thread Length mm (in) E		Cable Bedding mm (in) A		Overall Cable Diameter mm (in) B		Across Flats (mm (in) D Max.	Across Corners (mm (in) D Max.	Nominal Protrusion Length (mm (in) F	Optional PVC Shroud	Weight (kg (oz)
	Metric	NPT	Metric	NPT	Min.	Max.					
20S16	15.0 (0.59)	19.9 (0.78)	11.7 (0.46)	11.70 (0.46)	6.1 (0.24)	13.1 (0.52)	30.5 (1.20)	33.6 (1.32)	62.0 (2.44)	**PVC06**	0.24 (8.47)
20S	15.0 (0.59)	19.9 (0.78)	11.7 (0.46)	11.70 (0.46)	9.5 (0.37)	15.9 (0.63)	30.5 (1.20)	33.6 (1.32)	62.0 (2.44)	**PVC06**	0.23 (8.11)
20	15.0 (0.59)	19.9 (0.78)	12.6 (0.50)	12.90 (0.51)	12.5 (0.49)	20.9 (0.82)	30.5 (1.20)	33.6 (1.32)	63.0 (2.48)	**PVC06**	0.24 (8.47)
25S	15.0 (0.59)	20.2 (0.80)	17.5 (0.69)	17.90 (0.70)	14.0 (0.55)	22.0 (0.87)	37.5 (1.48)	41.3 (1.63)	69.5 (2.74)	**PVC09**	0.37 (13.05)
25	15.0 (0.59)	20.2 (0.80)	17.5 (0.69)	17.90 (0.70)	18.2 (0.72)	26.2 (1.03)	37.5 (1.48)	41.3 (1.63)	69.5 (2.74)	**PVC09**	0.37 (13.05)
32	15.0 (0.59)	25.0 (0.98)	23.6 (0.93)	23.90 (0.94)	23.7 (0.93)	33.9 (1.33)	46.0 (1.81)	50.6 (1.99)	75.0 (2.95)	**PVC11**	0.57 (20.11)
40	15.0 (0.59)	25.0 (0.98)	30.0 (1.18)	30.30 (1.19)	27.9 (1.10)	40.4 (1.59)	55.0 (2.17)	60.5 (2.38)	75.0 (2.95)	**PVC15**	0.80 (28.22)
50S	15.0 (0.59)	25.6 (1.01)	36.6 (1.44)	36.90 (1.45)	35.2 (1.39)	46.7 (1.84)	60.0 (2.36)	66.0 (2.60)	77.0 (3.03)	**PVC18**	0.90 (31.75)
50	15.0 (0.59)	26.1 (1.03)	41.0 (1.61)	41.30 (1.63)	40.4 (1.59)	53.0 (2.09)	70.0 (2.76)	77.0 (3.03)	77.0 (3.03)	**PVC21**	1.19 (41.98)
63S	15.0 (0.59)	26.9 (1.06)	47.9 (1.89)	48.40 (1.91)	45.6 (1.80)	59.4 (2.34)	75.0 (2.96)	82.5 (3.25)	79.7 (3.14)	**PVC23**	1.39 (49.03)
63	15.0 (0.59)	26.9 (1.06)	53.7 (2.11)	54.00 (2.13)	54.6 (2.15)	65.8 (2.59)	80.0 (3.15)	88.0 (3.47)	80.3 (3.16)	**PVC25**	1.41 (49.74)
75S	15.0 (0.59)	39.9 (1.57)	59.9 (2.36)	60.20 (2.37)	59.0 (2.32)	72.0 (2.83)	90.0 (3.55)	99.0 (3.90)	86.8 (3.42)	**PVC28**	2.09 (73.72)
75	15.0 (0.59)	39.9 (1.57)	64.3 (2.53)	64.20 (2.53)	66.7 (2.63)	78.4 (3.09)	100.0 (3.94)	110.0 (4.33)	88.3 (3.48)	**PVC30**	2.54 (89.60)
90	20.0 (0.79)	41.5 (1.63)	75.3 (2.96)	75.60 (2.98)	76.2 (3.00)	90.3 (3.56)	115.0 (4.53)	126.5 (4.98)	102.1 (4.02)	**PVC32**	3.71 (130.87)
90	20,0(0,79)	42,8(1,69)	75,3(2,96)	75,60(2,96)	86,1(3,39)	101,4(3,99)	108,0(4,26)	118,8(4,68)	94,8(3,73)	**PVC31**	3,02(106,53)