# PXSS2KREX

## PXSS2KREX GLOBALLY APPROVED, EXPLOSIVE ATMOSPHERE RAPIDEX BARRIER CABLE GLAND

### FOR ALL TYPES OF UNARMOURED CABLES & BRAIDED CABLES

- RapidEx liquid pour sealing system
  -Enhances reliability, reduces risk
  -Reduces man hours
  -Reduces cost
- Direct & remote installation
- Superior levels of cable retention
- Displacement type environmental seal
- Deluge protected
- Disconnectable, union feature design
- -60°C to 85°C
- Globally marked, cCSAus, IECEx & ATEX
- As standard in nickel plated brass
- Once any cable inner sheath/ bedding has been removed, the RapidEx liquid resin barrier seals directly around the internal cable cores, completely eliminating any risk of coldflow on all cable types

IP66 IP67 IP68

DELUGE PROTECTED

+85°C / -60°C

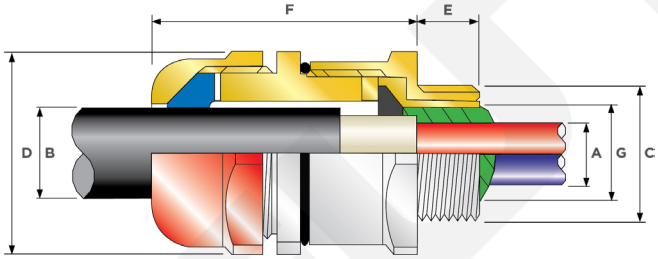
Ex eb Ex db Ex ta ExnR

| TECHNICAL CLASSIFICATION | |
|---|---|
| DESIGN SPECIFICATION | BS 6121: Part 1:1989, IEC 62444, EN 62444 |
| MECHANICAL CLASSIFICATION* | Impact = Level 8, Cable Anchorage = Class B |
| ENCLOSURE PROTECTION | IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only |
| INGRESS PROTECTION RATING** | IP66, IP67 & IP68**** |
| NEMA RATING** | NEMA 4X |
| DELUGE PROTECTION COMPLIANCE | DTS01 : 91 |
| CABLE TYPE | Unarmoured*** |
| SEAL MATERIAL | CMP SOLO LSF Halogen Free Thermoset Elastomer / RapidEx Barrier Compound |
| SEALING TECHNIQUE | Unique CMP 'LRS' Outer Seal (Load Retention Seal) |
| SEALING AREA(S) | RapidEx Resin Barrier & Cable Outer Sheath |
| CABLE GLAND MATERIAL | Electroless Nickel Plated Brass, Copper Free (<0.4%) Aluminium, Stainless Steel |

* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444 ** When CMP installation accessories are used. Refer to www.cmp-products.com for further information.
***Where the cable is permitted by code (NEC and/or CEC) **** IP68 tested to a minimum depth of 30 metres for 12 hours, alternate depths / durations can be provided upon request.

PATENT GRANTED: ES 2287986, NO 2287986, TR 2287986, AU 2010284848, AU 2014274614, GB 2485114, SG 178839, US 8872027, US 9484133, US 9774178, MY 153846, US 10193321, US1034078

| GLOBAL PRODUCT CERTIFICATION | | | |
|---|---|---|---|
| ATEX CERTIFICATE | CML18ATEX1325X, CML18ATEX4317X | IECEx CERTIFICATE | IECEx CML 18.0182X |
| CODE OF PROTECTION | Ex II 2G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da<br>Ex II 3 G Ex nR IIC Gc,<br>Ex I M2 Ex db I Mb, Ex eb I Mb | CODE OF PROTECTION | Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da, Ex db I Mb, Ex eb I Mb |
| COMPLIANCE STANDARDS | EN 60079-0,1,7,15,31 | COMPLIANCE STANDARDS | IEC 60079-0,1,7,15,31 |
| cCSAus CERTIFICATE (20S16 - 90) | 2288626 | | |
| CSAus CODE OF PROTECTION*** | Class I, Div. 1, 2 Groups A, B, C and D; Class II, Div. 1, 2 Groups E, F and G; Class III, Div. 1, 2; Type 4X: Oil Resistant II: Class I, Zone 1 AEx d IIC Gb, AEx e IIC Gb, Class I, Zone 2 AEx nR IIC Gc, Class I, Zone 20 AEx ta IIIC Da | | |
| cCSA CODE OF PROTECTION*** | Class I, Div. 1, 2 Groups A, B, C and D; Class II, Div. 1, 2 Groups E, F and G; Class III, Div. 1, 2; Type 4X: Oil Resistant II: Ex d IIC Gb, Ex e IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da | | |
| COMPLIANCE STANDARDS | CAN/CSA-C22.2 No 0,18,25,30,174,94, CAN/CSA-60079-0,1,7,15,31, CAN/CSA-E6124111 Part 11, ANSI/UL 514B Ed 5, ANSI/UL 50 Ed 11, ANSI/UL 2225 Ed 4, UL60079 | | |
| EAC CERTIFICATE | TC RU C-GB.AA87.B.00487 | UkrSEPRO | СЦ 19.0371X |
| RETIE APPROVAL NUMBER | 03866 | CCOE / PESO (INDIA) CERTIFICATE | P444949 |
| NEPSI CERTIFICATE | GYJ18.1252X | INMETRO APPROVAL | TÜV 12.2073X |
| MARINE APPROVALS | LRS: 01/00172 DNV: TAE000000Y ABS: 14-LD234401A-4-PDA BV: 43180 A1 BV | | |




| COMBINED ORDERING REFERENCE | | | AVAILABLE ENTRY THREADS "C" (ALTERNATE METRIC THREAD LENGTHS AVAILABLE) | | | | | NUMBER OF CORES | DIAMETER OVER CONDUCTORS 'A' | CABLE BEDDING DIAMETER 'G' | OVERALL CABLE DIAMETER 'B' | | ACROSS FLATS 'D' | ACROSS CORNERS 'D' | PROTRUSION LENGTH 'F' | SHROUD | CABLE GLAND WEIGHT (kgs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | STANDARD | | | | OPTION | | | | | | | | | | |
| SIZE | TYPE | ORDERING SUFFIX | METRIC | THREAD LENGTH 'E' | NPT | THREAD LENGTH (NPT) "E" | NPT | MAX | MAX | MAX | MIN | MAX | MAX | MAX | | | |
| 20S16 | PXSS2KREX | 1RA | M20 | 15.0 | ½" | 19.9 | ¾" | 21 | 8.6 | 8.6 | 3.1 | 8.6 | 30.0 | 33.0 | 53.1 | PVC06 | 0.200 |
| 20S | PXSS2KREX | 1RA | M20 | 15.0 | ½" | 19.9 | ¾" | 21 | 11.7 | 11.7 | 6.1 | 11.7 | 30.0 | 33.0 | 53.1 | PVC06 | 0.200 |
| 20 | PXSS2KREX | 1RA | M20 | 15.0 | ½" | 19.9 | ¾" | 21 | 12.6 | 12.9 | 6.5 | 14.0 | 30.0 | 33.0 | 54.2 | PVC06 | 0.200 |
| 20L | PXSS2KREX | 1RA | M20 | 15.0 | ½" | 19.9 | ¾" | 21 | 12.6 | 12.9 | 10.0 | 15.9 | 30.0 | 33.0 | 54.2 | PVC06 | 0.200 |
| 25 | PXSS2KREX | 1RA | M25 | 15.0 | ¾" | 20.2 | 1" | 30 | 17.5 | 17.9 | 11.1 | 20.0 | 36.0 | 39.6 | 60.0 | PVC09 | 0.330 |
| 32 | PXSS2KREX | 1RA | M32 | 15.0 | 1" | 25.0 | 1 ¼" | 50 | 23.6 | 23.9 | 17.0 | 26.3 | 41.0 | 45.1 | 61.1 | PVC10 | 0.590 |
| 32L | PXSS2KREX | 1RA | M32 | 15.0 | 1" | 25.0 | 1 ¼" | 50 | 23.6 | 23.9 | 20.0 | 27.4 | 41.0 | 45.1 | 61.1 | PVC10 | 0.590 |
| 40 | PXSS2KREX | 1RA | M40 | 15.0 | 1 ¼" | 25.6 | 1 ½" | 59 | 30.0 | 30.3 | 22.0 | 32.1 | 50.0 | 55.0 | 62.4 | PVC13 | 0.560 |
| 50S | PXSS2KREX | 1RA | M50 | 15.0 | 1 ½" | 26.1 | 2" | 89 | 36.6 | 36.9 | 29.5 | 38.2 | 55.0 | 60.5 | 65.2 | PVC15 | 0.660 |
| 50 | PXSS2KREX | 1RA | M50 | 15.0 | 2" | 26.9 | 2 ½" | 115 | 41.0 | 41.3 | 35.6 | 44.0 | 60.0 | 66.0 | 67.6 | PVC18 | 0.730 |
| 63S | PXSS2KREX | 1RA | M63 | 15.0 | 2" | 26.9 | 2 ½" | 115 | 47.9 | 48.4 | 40.1 | 49.9 | 70.0 | 77.0 | 71.1 | PVC21 | 1.070 |
| 63 | PXSS2KREX | 1RA | M63 | 15.0 | 2 ½" | 39.9 | 3" | 115 | 53.7 | 54.0 | 47.2 | 55.9 | 75.0 | 82.5 | 70.4 | PVC23 | 1.060 |
| 75S | PXSS2KREX | 1RA | M75 | 15.0 | 2 ½" | 39.9 | 3" | 140 | 59.9 | 60.2 | 52.8 | 61.9 | 80.0 | 88.0 | 75.3 | PVC25 | 1.300 |
| 75 | PXSS2KREX | 1RA | M75 | 15.0 | 3" | 41.5 | 3 ½" | 140 | 64.3 | 64.2 | 59.1 | 67.9 | 85.0 | 93.5 | 74.9 | PVC27 | 1.300 |
| 90 | PXSS2KREX | 1RA | M90 | 24.0 | 3 ½" | 42.8 | 4" | 140 | 75.3 | 75.6 | 66.6 | 79.4 | 108.0 | 118.8 | 94.8 | PVC31 | 3.020 |
| 100 | PXSS2KREX | 1RA | M100 | 24.0 | 3 ½" | 42.8 | 4" | 200 | 85.6 | 85.9 | 76.0 | 90.9 | 123.0 | 135.3 | 86.3 | LSF33 | 4.000 |

*For material options add the following suffix to the Ordering Reference; Brass (no suffix required); Nickel Plated Brass '5'; 316 Grade Stainless Steel '4'; Copper Free Aluminium '1'
For NPT options add the following digits to the material suffix; ½" = 31; ¾" = 32; 1" = 33; 1 ¼" = 34; 1 ½" = 35; 2" = 36; 2 ½" = 37; 3" = 38; 3 ½" = 39; 4" = 310 (Brass requires prefix '0')

Examples: 32PXSS2KREX1RA534 = Nickel Plated Brass 1¼" NPT, 50SPXSS2KREX1RA035 = Brass 1½" NPT, 25PXSS2KREX1RA432 = Stainless Steel ¾" NPT, 20PXSS2KREX1RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated

Dimensions listed are for metric cable glands only. Dimensions for alternative threads may vary, please see supplementary technical data sheet.