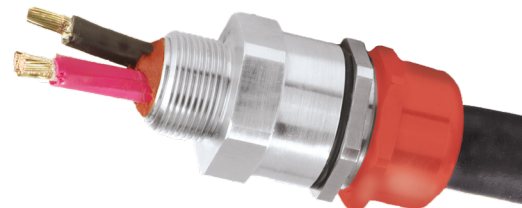


# PXSS2K

**PXSS2K GLOBALLY APPROVED, ALUMINUM HAZARDOUS (CLASSIFIED) LOCATION BARRIER CABLE GLAND**

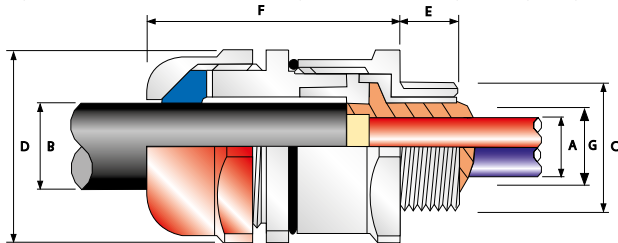
## FOR ALL TYPES OF UNARMORED CABLES

- Direct & remote installation
- Superior levels of cable retention
- Displacement type environmental seal
- Compound barrier type flameproof seal
- Deluge protected
- Disconnectable, union feature design
- -76°F to 185°F / -60°C to 85°C
- Globally marked, UL, cCSAus, IECEx & ATEX
- As standard in Aluminum with NPT thread form
- Once any cable inner sheath/bedding has been removed, the compound barrier seals directly around the internal cable cores, after the inner sheath/bedding has been removed, completely eliminating any risk of coldflow on all cable types



| TECHNICAL CLASSIFICATION     |                                                                        |
|------------------------------|------------------------------------------------------------------------|
| DESIGN SPECIFICATION         | BS 6121:Part 1:1989, IEC 62444, EN 62444                               |
| MECHANICAL CLASSIFICATIONS*  | Impact = Level 8, Cable Anchorage = Class B                            |
| INGRESS PROTECTION RATING**  | IP66, IP67 & IP68****                                                  |
| NEMA RATING**                | NEMA 4X                                                                |
| DELUGE PROTECTION COMPLIANCE | DTS01: 91                                                              |
| CABLE GLAND MATERIAL         | Copper Free (<0.4%) Aluminum                                           |
| SEAL MATERIAL                | CMP SOLO LSF Halogen Free Thermoset Elastomer / Epoxy Barrier Compound |
| CABLE TYPE                   | Unarmored***                                                           |
| SEALING TECHNIQUE            | CMP Unique Displacement Seal Concept                                   |
| SEALING AREA(S)              | Inner Compound Barrier & Outer Sheath                                  |

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



| GLOBAL PRODUCT CERTIFICATION    |                                                                                                                                                                                                                                             |                                |                                                                                 |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------|
| ATEX CERTIFICATE                | CML18ATEX1325X, CML18ATEX4317X                                                                                                                                                                                                              | IECEx CERTIFICATE              | IECEx CML 18.0182X                                                              |
| CODE OF PROTECTION              | II 2G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da, II 3G Ex nR IIC Gc, IM2 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-E612411 Part 11, ANSI/UL 514B Ed 5, ANSI/UL 50 Ed 11, ANSI/UL 2225 Ed 4, UL 60079                                                                           |                                |                                                                                 |
| UL CERTIFICATE                  | E201187, E253914, E161256                                                                                                                                                                                                                   |                                |                                                                                 |
| CODE OF PROTECTION              | Class I Div. 2, Groups A, B, C, D, Class II Div. 2, Groups F, G Class I, Zone 1, AEx d IIC, AEx e II                                                                                                                                        |                                |                                                                                 |
| COMPLIANCE STANDARDS            | UL 2225, CSA C22.2 No 174, UL 514B, UL 60079-0, 7                                                                                                                                                                                           |                                |                                                                                 |
| EAC CERTIFICATE                 | TC RU C-GB.AA87.B.00487                                                                                                                                                                                                                     | UKrSEPRO                       | CL 19.0371X                                                                     |
| CODE OF PROTECTION              | IEx d IIC Gb X, IEx e IIC Gb X, Ex ta IIC Da X IP66                                                                                                                                                                                         |                                |                                                                                 |
| RETIE APPROVAL NUMBER           | 03866                                                                                                                                                                                                                                       | COE / PESO (INDIA) CERTIFICATE | P444949                                                                         |
| NEPSI CERTIFICATE               | GVJ18.1252X                                                                                                                                                                                                                                 | INMETRO APPROVAL               | TUV 12.2073X                                                                    |
| MARINE APPROVALS                | LRS: 01/00172 DNV: TAE000000Y ABS: 20-LD1948801-PDA BV: 43180 A1 BV                                                                                                                                                                         |                                |                                                                                 |



| COMBINED ORDERING REFERENCE<br>(*ALUMINUM NPT) |        |                    | AVAILABLE ENTRY THREADS 'C'<br>(ALTERNATIVE METRIC THREAD LENGTHS AVAILABLE) |                 |                    |                            | NUMBER<br>OF CORES | DIAMETER OVER<br>CONDUCTORS 'A' | CABLE BEDDING<br>DIAMETER 'G' | OVERALL CABLE<br>DIAMETER 'B' |      | ACROSS<br>FLATS 'D' | ACROSS<br>CORNERS 'D' | PROTRUSION<br>LENGTH 'F' | SHROUD | APPROX<br>WEIGHT<br>ALUMINUM<br>(Ozs) |
|------------------------------------------------|--------|--------------------|------------------------------------------------------------------------------|-----------------|--------------------|----------------------------|--------------------|---------------------------------|-------------------------------|-------------------------------|------|---------------------|-----------------------|--------------------------|--------|---------------------------------------|
| SIZE                                           | TYPE   | ORDERING<br>SUFFIX | NPT                                                                          | NPT<br>(OPTION) | METRIC<br>(OPTION) | THREAD LENGTH<br>(NPT) 'E' |                    | MAX                             | MAX                           | MIN                           | MAX  | MAX                 | MAX                   |                          |        |                                       |
| 20S16                                          | PXSS2K | 1RA131             | ½"                                                                           | ¾"              | M20                | 0.78                       | 21                 | 0.34                            | 0.34                          | 0.12                          | 0.34 | 1.18                | 1.30                  | 2.09                     | PVC06  | 7.06                                  |
| 20S                                            | PXSS2K | 1RA131             | ½"                                                                           | ¾"              | M20                | 0.78                       | 21                 | 0.46                            | 0.46                          | 0.24                          | 0.46 | 1.18                | 1.30                  | 2.09                     | PVC06  | 7.06                                  |
| 20                                             | PXSS2K | 1RA131             | ½"                                                                           | ¾"              | M20                | 0.78                       | 21                 | 0.50                            | 0.51                          | 0.26                          | 0.55 | 1.18                | 1.30                  | 2.13                     | PVC06  | 7.06                                  |
| 20L                                            | PXSS2K | 1RA131             | ½"                                                                           | ¾"              | M20                | 0.78                       | 21                 | 0.50                            | 0.51                          | 0.39                          | 0.63 | 1.18                | 1.30                  | 2.13                     | PVC06  | 7.06                                  |
| 25                                             | PXSS2K | 1RA132             | ¾"                                                                           | 1"              | M25                | 0.80                       | 30                 | 0.69                            | 0.70                          | 0.44                          | 0.79 | 1.42                | 1.56                  | 2.36                     | PVC09  | 11.64                                 |
| 32                                             | PXSS2K | 1RA133             | 1"                                                                           | 1 ¼"            | M32                | 0.98                       | 38                 | 0.93                            | 0.94                          | 0.67                          | 1.04 | 1.61                | 1.78                  | 2.41                     | PVC10  | 13.76                                 |
| 32L                                            | PXSS2K | 1RA133             | 1"                                                                           | 1 ¼"            | M32                | 0.98                       | 38                 | 0.93                            | 0.94                          | 0.79                          | 1.08 | 1.61                | 1.78                  | 2.41                     | PVC10  | 13.76                                 |
| 40                                             | PXSS2K | 1RA134             | 1 ¼"                                                                         | 1 ½"            | M40                | 1.01                       | 59                 | 1.18                            | 1.19                          | 0.87                          | 1.26 | 1.97                | 2.17                  | 2.46                     | PVC13  | 19.75                                 |
| 50S                                            | PXSS2K | 1RA135             | 1 ½"                                                                         | 2"              | M50                | 1.03                       | 89                 | 1.44                            | 1.45                          | 1.16                          | 1.50 | 2.17                | 2.38                  | 2.57                     | PVC15  | 23.28                                 |
| 50                                             | PXSS2K | 1RA136             | 2"                                                                           | 2 ½"            | M50                | 1.06                       | 115                | 1.61                            | 1.63                          | 1.40                          | 1.73 | 2.36                | 2.60                  | 2.66                     | PVC18  | 25.75                                 |
| 63S                                            | PXSS2K | 1RA136             | 2"                                                                           | 2 ½"            | M63                | 1.06                       | 115                | 1.89                            | 1.91                          | 1.58                          | 1.97 | 2.76                | 3.03                  | 2.80                     | PVC21  | 37.74                                 |
| 63                                             | PXSS2K | 1RA137             | 2 ½"                                                                         | 3"              | M63                | 1.57                       | 115                | 2.11                            | 2.13                          | 1.86                          | 2.20 | 2.95                | 3.25                  | 2.77                     | PVC23  | 37.39                                 |
| 75S                                            | PXSS2K | 1RA137             | 2 ½"                                                                         | 3"              | M75                | 1.57                       | 140                | 2.36                            | 2.37                          | 2.08                          | 2.44 | 3.15                | 3.47                  | 2.97                     | PVC25  | 45.86                                 |
| 75                                             | PXSS2K | 1RA138             | 3"                                                                           | 3 ½"            | M75                | 1.63                       | 140                | 2.53                            | 2.53                          | 2.33                          | 2.67 | 3.35                | 3.68                  | 2.95                     | PVC27  | 45.86                                 |
| 90                                             | PXSS2K | 1RA139             | 3 ½"                                                                         | 4"              | M90                | 1.69                       | 140                | 2.96                            | 2.98                          | 2.62                          | 3.13 | 4.25                | 4.68                  | 3.73                     | PVC31  | 106.53                                |
| 100                                            | PXSS2K | 1RA1310            | 3 ½"                                                                         | 4"              | M100               | 1.69                       | 200                | 3.37                            | 3.38                          | 2.99                          | 3.58 | 4.84                | 5.33                  | 3.40                     | LSF33  | 141.10                                |

\*Note : For material options please change the suffix in the Ordering Reference ; Brass (no suffix required), Nickel Plated Brass "5" (as standard), 316 Grade Stainless Steel "4", Copper Free Aluminum "1"  
For NPT options please change the following digits after the material suffix ; 1/2" = 31, 3/4" = 32, 1" = 33, 1 1/4" = 34, 1 1/2" = 35, 2" = 36, 2 1/2" = 37, 3" = 38, 3 1/2" = 39 (Brass requires prefix "0")

Examples: 32PXSS2K1RA134 = Aluminum 1 1/4" NPT, 25PXSS2K1RA132 = Aluminum 3/4" NPT, 20PXSS2K1RA137 Aluminum 2 1/2" NPT

Dimensions are displayed in inches unless otherwise stated

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