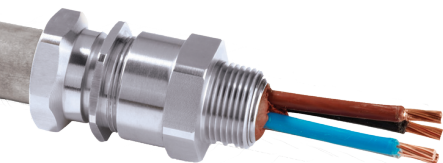


# PXRC CABLE GLAND

## PXRC INTERNATIONALLY APPROVED, RIGID & FLEXIBLE CONDUIT EXPLOSIVE ATMOSPHERE BARRIER CABLE GLAND



|                                   |              |              |
|-----------------------------------|--------------|--------------|
| <b>IP66</b>                       | <b>Ex db</b> | <b>Ex eb</b> |
| <b>+85°C</b><br>↑<br><b>-60°C</b> | <b>Ex ta</b> | <b>Ex nR</b> |

### FOR ALL TYPES OF UNARMoured CABLES

- Designed for rigid and flexible conduits
- Easy install running coupler design
- Compound barrier type flameproof seal
- -60°C to +85°C
- Internationally marked, UKEX, IECEx and ATEX
- Compound barrier seals around internal cable cores after removing any inner cable sheath/bedding; completely eliminating any risk of coldflow

| GLOBAL PRODUCT CERTIFICATION |                                                                              |                                 |                                                           |
|------------------------------|------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------|
| ATEX CERTIFICATE             | CML18ATEX1325X                                                               | IECEx CERTIFICATE               | IECEx CML 18.0179X                                        |
| UKEX CERTIFICATE             | CML 21UKEX1214X,<br>CML 21UKEX4215X                                          |                                 |                                                           |
| CODE OF PROTECTION           | II 2G 1D, Ex db IIC Gb,<br>Ex eb IIC Gb, Ex ta IIC Da<br>II 3G, Ex nR IIC Gc | CODE OF PROTECTION              | Ex db IIC Gb, Ex eb IIC Gb,<br>Ex ta IIC Da, Ex nR IIC Gc |
| COMPLIANCE STANDARDS         | EN 60079-0,1,7,15,31                                                         | COMPLIANCE STANDARDS            | IEC 60079-0,1,7,15,31                                     |
| KCS KOSHA CERTIFICATE        | 14-GA480-0252X                                                               | ECAS CERTIFICATE                | 20-02-05624                                               |
| ECA CERTIFICATE              | Check website for latest certificate number                                  | UkrSEPRO CERTIFICATE            | CL 19.0371X                                               |
| RETIE APPROVAL NUMBER        | 03866                                                                        | CCOE / PESO (INDIA) CERTIFICATE | P444949                                                   |
| CCC CERTIFICATE              | 2020322313003190                                                             | INMETRO APPROVAL                | TÜV 12.2073X                                              |
| SANS                         | 1A MS-XPL21962 21.0305X                                                      |                                 |                                                           |
| MARINE APPROVALS             | LRS: 01/00172 DNV: TAE000000Y ABS: 20-LD1948801-PDA                          |                                 |                                                           |

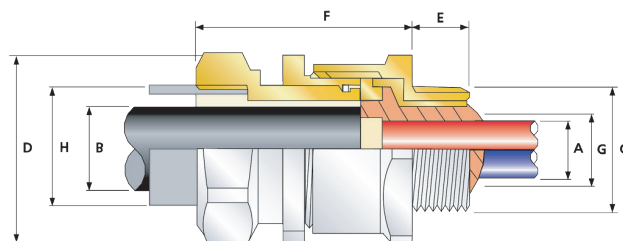
| TECHNICAL CLASSIFICATION    |                                                                    |
|-----------------------------|--------------------------------------------------------------------|
| DESIGN SPECIFICATION        | BS 6121:Part 1:1989, IEC 62444, EN 62444                           |
| MECHANICAL CLASSIFICATION*  | Impact = Level 8, Cable Anchorage = Type B                         |
| ENCLOSURE PROTECTION        | IK10 to IEC 62262 (20 joules) Brass and Stainless Steel only       |
| INGRESS PROTECTION RATING** | IP66                                                               |
| CABLE TYPE                  | Unarmoured                                                         |
| SEAL MATERIAL               | Epoxy Barrier Compound                                             |
| SEALING AREA(S)             | Inner Compound Barrier                                             |
| CABLE GLAND MATERIAL        | Brass, Electroless Nickel Plated Brass, Aluminium, Stainless Steel |

\* Mechanical and Electrical Classifications applied as per IEC 62444 and EN 62444  
Alternative conduit sizes available upon request. See 'thread option ordering examples' table below for typical NPT and Metric thread ordering references.



| THREAD OPTION ORDERING EXAMPLES |             |               |
|---------------------------------|-------------|---------------|
| EUTEX ORDERING REFERENCE        | MALE THREAD | FEMALE THREAD |
| 20PXRC1RA                       | M20         | M20           |
| 20PXRC1RA031                    | M20         | ½" NPT        |
| 20PXRC1RA03131                  | ½" NPT      | ½" NPT        |
| 20PXRC1RA03102†                 | ½" NPT      | M20           |

Refer to 'How to order' page for complete list of ordering codes. † For Metric female threads please insert '0' before thread size code e.g. 32PXRC1RA53405 (1 ¼" NPT Male x M40 Female)



| EUTEX<br>ORDERING<br>REFERENCE<br>(*BRASS<br>METRIC) | AVAILABLE ENTRY THREADS 'C'<br>(ALTERNATIVE METRIC THREAD LENGTHS AVAILABLE) |                               |      |                            |        | NUMBER<br>OF<br>CORES | FEMALE<br>CONNECTION<br>THREAD<br>'H' | FEMALE<br>CONNECTION<br>THREAD<br>(NPT)'H' | DIAMETER<br>OVER<br>CONDU-<br>CTORS 'A' | CABLE<br>BEDDING<br>DIAMETER<br>'G' | OVERALL<br>CABLE<br>DIAMETER<br>'B' | ACROSS<br>FLATS 'D' | ACROSS<br>CORNERS<br>'D' | PROTRUSION<br>LENGTH 'F' | CABLE<br>GLAND<br>WEIGHT<br>(kg) |
|------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------|------|----------------------------|--------|-----------------------|---------------------------------------|--------------------------------------------|-----------------------------------------|-------------------------------------|-------------------------------------|---------------------|--------------------------|--------------------------|----------------------------------|
|                                                      | STANDARD                                                                     |                               |      |                            | OPTION |                       |                                       |                                            |                                         |                                     |                                     |                     |                          |                          |                                  |
|                                                      | METRIC                                                                       | THREAD LENGTH<br>(METRIC) 'E' | NPT  | THREAD LENGTH<br>(NPT) 'E' | NPT    | MAX                   |                                       |                                            |                                         |                                     |                                     |                     |                          |                          |                                  |
| 20 PXRC                                              | M20                                                                          | 15.0                          | ½"   | 19.9                       | ¾"     | 21                    | M20                                   | ½"                                         | 12.6                                    | 12.9                                | 13.9                                | 30.0                | 33.0                     | 45.9                     | 0.17                             |
| 25 PXRC                                              | M25                                                                          | 15.0                          | ¾"   | 20.2                       | 1"     | 30                    | M25                                   | ¾"                                         | 17.5                                    | 17.9                                | 19.9                                | 36.0                | 39.6                     | 48.6                     | 0.33                             |
| 32 PXRC                                              | M32                                                                          | 15.0                          | 1"   | 25.0                       | 1 ¼"   | 38                    | M32                                   | 1"                                         | 23.6                                    | 23.9                                | 26.2                                | 41.0                | 45.1                     | 53.0                     | 0.32                             |
| 40 PXRC                                              | M40                                                                          | 15.0                          | 1 ¼" | 25.6                       | 1 ½"   | 59                    | M40                                   | 1 ¼"                                       | 30.0                                    | 30.3                                | 32.3                                | 50.0                | 55.0                     | 50.5                     | 0.41                             |
| 50S PXRC                                             | M50                                                                          | 15.0                          | 1 ½" | 26.1                       | 2"     | 89                    | M50                                   | 1 ½"                                       | 36.6                                    | 36.9                                | 38.9                                | 55.0                | 60.5                     | 59.6                     | 0.57                             |
| 50 PXRC                                              | M50                                                                          | 15.0                          | 2"   | 26.9                       | 2 ½"   | 115                   | M50                                   | 2"                                         | 41.0                                    | 41.3                                | 44.2                                | 60.0                | 66.0                     | 64.5                     | 0.61                             |
| 63S PXRC                                             | M63                                                                          | 15.0                          | 2"   | 26.9                       | 2 ½"   | 115                   | M63                                   | 2"                                         | 47.9                                    | 48.4                                | 50.0                                | 70.1                | 77.1                     | 63.5                     | 0.94                             |
| 63 PXRC                                              | M63                                                                          | 15.0                          | 2 ½" | 39.9                       | 3"     | 115                   | M63                                   | 2 ½"                                       | 53.7                                    | 54.0                                | 56.0                                | 75.0                | 82.5                     | 64.6                     | 0.89                             |
| 75S PXRC                                             | M75                                                                          | 15.0                          | 2 ½" | 39.9                       | 3"     | 140                   | M75                                   | 2 ½"                                       | 59.9                                    | 60.2                                | 62.4                                | 84.0                | 92.4                     | 72.9                     | 1.29                             |
| 75 PXRC                                              | M75                                                                          | 15.0                          | 3"   | 41.5                       | 3 ½"   | 140                   | M75                                   | 3"                                         | 64.3                                    | 64.2                                | 68.1                                | 85.0                | 93.5                     | 72.5                     | 1.16                             |
| 90 PXRC                                              | M90                                                                          | 20.0                          | 3 ½" | 42.8                       | 4"     | 140                   | M90                                   | 3 ½"                                       | 75.3                                    | 75.6                                | 80.1                                | 108.0               | 118.8                    | 89.5                     | 2.63                             |

\*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 male and / or female options please add the following digits to the material suffix (See Thread Options table above); 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')

When NPT male & Metric female product option is required, please add the following digits to the material and NPT male suffix (See Thread Options table above); M20 = 01, M25 = 02, M32 = 03, M40 = 04, M50 = 05, M63 = 06, M75 = 07, M90 = 08 (Brass requires prefix '0')  
Examples: 32PXRC1RA533 = Nickel Plated Brass M32 male x 1" NPT female, 20S16PXRC1RA031 = Brass M20 male x ½" NPT female, 25PXRC1RA43203 = Stainless Steel ¾" NPT male x M25 female, 20PXRC1RA5 = Nickel Plated Brass M20 male and female

Dimensions are displayed in millimetres unless otherwise stated

Dimensions listed are for metric cable glands only. Dimensions for alternative threads may vary.