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

**For all types of Unarmoured Cables**
- Designed for rigid & flexible conduits
- Easy install running coupler design
- Compound barrier type flameproof seal
- -60°C to +85°C
- Internationally marked, IECEx & ATEX
- 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 6621: Part 1789, EN 60444, EN 60444

**Mechanical Classification**
- Improved Rated, Cable Waterproofing Class B

**Enclosure Protection**
- IP66

**Intrinsically Safe Protection**
- MIL-STD-462C (25) (Brass) & Stainless Steel only

### Cable Type
- Unarmoured

**Size Modules**
- Spray Barrier Compound

**Size Area Modules**
- Inner Compound Barrier

**Cable Gland Material**
- Brass, Electroless Nickel Plated Brass, Aluminium, Stainless Steel

* Mechanical & Electrical Classifications applied as per IEC 60444 & EN 60444 ** When CMP installation accessories are used. Refer to www.cmp-products.com for further information. Alternative conduit sizes available upon request.

See 'thread option ordering examples' table below for typical NPT & Metric thread ordering references.

### Thread Option Ordering Examples

#### Ordering Reference

<table>
<thead>
<tr>
<th>Male Thread</th>
<th>Female Thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>20PXRC1RA</td>
<td>M20</td>
</tr>
<tr>
<td>20PXRC1RA1/2</td>
<td>1/2” NPT</td>
</tr>
<tr>
<td>20PXRC1RA1/2</td>
<td>1/2” NPT</td>
</tr>
</tbody>
</table>

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. 32PXRC1RA534

### Thread Options Table

<table>
<thead>
<tr>
<th>DIAMETER (NPT)</th>
<th>CODE OF PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4”</td>
<td>Ex eb IIC Gb, Ex db IIIC Da</td>
</tr>
<tr>
<td>1/2”</td>
<td>Ex eb IIC Gb, Ex db IIIC Da, Ex ta IIIC Da</td>
</tr>
<tr>
<td>3/4”</td>
<td>Ex eb IIC Gb, Ex db IIIC Da</td>
</tr>
<tr>
<td>1”</td>
<td>Ex eb IIC Gb, Ex db IIIC Da, Ex ta IIIC Da</td>
</tr>
<tr>
<td>1 1/4”</td>
<td>Ex eb IIC Gb, Ex db IIIC Da, Ex ta IIIC Da</td>
</tr>
<tr>
<td>1 1/2”</td>
<td>Ex eb IIC Gb, Ex db IIIC Da, Ex ta IIIC Da</td>
</tr>
<tr>
<td>2”</td>
<td>Ex eb IIC Gb, Ex db IIIC Da, Ex ta IIIC Da</td>
</tr>
<tr>
<td>2 1/2”</td>
<td>Ex eb IIC Gb, Ex db IIIC Da, Ex ta IIIC Da</td>
</tr>
<tr>
<td>3”</td>
<td>Ex eb IIC Gb, Ex db IIIC Da, Ex ta IIIC Da</td>
</tr>
<tr>
<td>3 1/2”</td>
<td>Ex eb IIC Gb, Ex db IIIC Da, Ex ta IIIC Da</td>
</tr>
<tr>
<td>4”</td>
<td>Ex eb IIC Gb, Ex db IIIC Da, Ex ta IIIC Da</td>
</tr>
</tbody>
</table>

**Global Product Certification**

<table>
<thead>
<tr>
<th>CODE OF PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>IECEx CERTIFICATE</td>
</tr>
<tr>
<td>Ex eb IIC Gb, Ex db IIIC Da</td>
</tr>
<tr>
<td>Ex ta IIIC Da</td>
</tr>
<tr>
<td>Ex tn IIIC Da</td>
</tr>
</tbody>
</table>

### Dimensions Listed for Metric Cable Glands

- 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.

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**Example ordering reference:**

E.G. 32PXRC1RA534 = 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 & female

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**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) ; M20 = 01, M25 = 02, M32 = 03, M40 = 04, M50 = 05, M63 = 06, M75 = 07, M90 = 08

For thread size code please insert ‘0’ before thread size code e.g. 32PXRC1RA534

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

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**Ex eb Ex db Ex ta ExnR**

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**Ex eb**

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**Ex db**

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**Ex ta**

---

**ExnR**

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**FOR ALL TYPES OF UNARMOURED CABLES**

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**PARTICULARS TO CONSIDER**

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