

# Installation Equipment and Accessories

## Cable gland With RapidEx compound



CMP-63PX2KREX Art. No. 246656



- Greater reliability: Flood seal with integral protection, controlled outer load retention seal and over-rotation protection
- "RapidEx" compound barrier for easy installation and greater reliability
- Worldwide certification in accordance with IECEx, ATEX and cCSAus, EMC-tested

MY R. STAHL PX2KB



PX2K REX series metal Ex d and Ex e barrier cable entries are suitable for cables with SWA, braid- and tape-type steel and aluminium armoring. They are sealed by means of a liquid compound barrier ("RapidEx"), which reduces the amount of time, the costs and the risks involved in installation and affords increased reliability. They feature a multi-functional holder for the armoring and various seals. They are also EMC-tested.

### Technical Data

#### Explosion Protection

|  |  |
|--|--|
| Ex version                             | Ex e & Ex d & Ex nR & Ex ta  |
| Application range (zones)              | 1<br>2<br>20<br>21<br>22   |
| IECEX gas certificate                  | IECEX CML 18.0182X   |
| IECEX gas explosion protection         | Ex db IIC Gb   |
| IECEX dust certificate                 | IECEX CML 18.0182X   |
| IECEX dust explosion protection        | Ex ta IIIC Da  |
| IECEX firedamp certificate             | IECEX SIM 14.0008 X  |
| IECEX firedamp protection              | Ex db I Mb   |
| IECEX firedamp protection 2            | Ex eb I Mb   |
| IECEX restricted breathing certificate | IECEX CML 18.0182X   |
| IECEX restricted breathing             | Ex nR IIC Gc   |
| ATEX gas certificate                   | CML 18ATEX1325X  |
| ATEX gas explosion protection          | Ex II 2 G Ex db IIC Gb   |
| ATEX dust certificate                  | CML 18ATEX1325X  |
| ATEX dust explosion protection         | Ex II 1 D Ex ta IIIC Da  |
| ATEX firedamp certificate              | CML 18ATEX1325X  |
| ATEX firedamp protection               | Ex I M2 Ex db I Mb   |
| ATEX firedamp protection 2             | Ex I M2 Ex eb I Mb   |
| ATEX restricted breathing certificate  | CML 18ATEX4317X  |
| ATEX restricted breathing              | Ex II 3 G Ex nR IIC Gc   |
| Notes                                  | The product certification and certificates can be downloaded from the manufacturer's homepage ( <a href="http://www.cmp-products.com">www.cmp-products.com</a> ) |

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### Ambient Conditions

Ambient temperature -60 °C ... +85 °C

### Mechanical Data

|                                |   |
|--------------------------------|---|
| Version                        | 63  |
| Strain relief                  | No  |
| Degree of protection (IP)      | IP66  |
| Degree of protection note      | IP67 and IP68 mounting in accordance with the specifications of the manufacturer, CMP. The specified degrees of protection are only fulfilled if CMP installation accessories are used. |
| Degree of protection (IP) UL   | IP66  |
| Sealing material               | SOLO LSF  |
| Material                       | Nickel-plated brass   |
| Silicone-free                  | Yes   |
| Halogen-free                   | Yes   |
| Number of cables               | 1   |
| Clamping range                 | 54.6 – 65.8 mm  |
| Armouring type                 | All armouring   |
| Armouring type 2               | Without lead sheath   |
| Armouring type 3               | With barrier seal   |
| Clamping range                 | 54.6 ... 65.8 mm  |
| Max. number of cores           | 115   |
| Construction type              | BS 6121, IEC/EN 62444   |
| Width across corners           | 88 mm   |
| Width across flats             | 80 mm   |
| Thread size                    | M63   |
| Thread length                  | 15 mm   |
| Thread pitch                   | 1,5   |
| Thread standard                | Metric  |
| Gland size                     | 63  |
| Grooved cone                   | 0.6 ... 1.6 mm  |
| Stepped cone                   | 2 ... 2.5 mm  |
| Inner sheath                   | 0 ... 53.7 mm   |
| Max. internal conduit diameter | 0 mm  |
| Min. inner conduit diameter    | 0 mm  |
| Outer sheath                   | 54.6 ... 65.8 mm  |
| Min. outer conduit diameter    | 0 mm  |
| Max. external conduit diameter | 0 mm  |
| Protrusion length              | 80.3 mm   |
| Impact strength (IEC 60079)    | 7 J   |
| Impact strength                | 20 J  |
| PVC boot                       | PVC25   |
| Lot size                       | 1   |
| Weight                         | 1.41 kg   |
| Weight                         | 3.11 lb   |

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### Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



- A = Max. inner sheath
- G = Max. internal conduit diameter
- B = Outer sheath
- C = Thread size
- D = Width across corners
- D = Width across flats
- E = Thread length
- F = Protrusion length

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.