

# Installation equipment and accessories

## Cable gland With RapidEx compound



CMP-50PX2KREX Art. No. 246654



- Improved reliability: Flood seal with integral protection, controlled outer load retention seal, over-rotation protection
- "RapidEx" compound barrier for simple installation and increased reliability
- Internationally certified in accordance with IECEx, ATEX and cCSAus, EMC-tested

MY R. STAHL PX2KB



The Series PX2K REX metal Ex d and Ex e barrier cable glands are suitable for cables with SWA, wire-braid and tape armouring made of steel and aluminium. They are sealed by means of a liquid compound barrier ("RapidEx"), which reduces the amount of time, costs and risks involved in installation and offers increased reliability. They have a multifunctional holder for the armouring 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, 2, 20, 21, 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 certificates can be downloaded from the manufacturer's homepage ( <a href="http://www.cmp-products.com">www.cmp-products.com</a> ) |
| Ambient Conditions                     |  |
| Ambient temperature                    | -60 °C ... +85 °C  |
| Mechanical Data                        |  |
| Version                                | 50   |

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### Mechanical Data

|                                |   |
|--------------------------------|---|
| Strain relief                  | No  |
| Degree of protection (IP)      | IP66  |
| Degree of protection note      | IP67 and IP68 mounting according to 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                 | 40.4 – 53 mm  |
| Armouring type                 | All armouring   |
| Armouring type 2               | Without lead sheath   |
| Armouring type 3               | With barrier seal   |
| Clamping range                 | 40.4 ... 53 mm  |
| Max. number of cores           | 115   |
| Construction type              | BS 6121, IEC/EN 62444   |
| Width across corners           | 77 mm   |
| Width across flats             | 70 mm   |
| Thread size                    | M50   |
| Thread length                  | 15 mm   |
| Thread pitch                   | 1,5   |
| Thread standard                | metric  |
| Gland size                     | 50  |
| Grooved cone                   | 0.6 ... 1.6 mm  |
| Stepped cone                   | 2 ... 2.5 mm  |
| Inner sheath                   | 0 ... 41 mm   |
| Max. internal conduit diameter | 0 mm  |
| Min. inner conduit diameter    | 0 mm  |
| Outer sheath                   | 40.4 ... 53 mm  |
| Min. outer conduit diameter    | 0 mm  |
| Max. external conduit diameter | 0 mm  |
| Protrusion length              | 77 mm   |
| Impact strength (IEC 60079)    | 7 J   |
| Impact strength                | 20 J  |
| PVC boot                       | PVC21   |
| Lot size                       | 1   |
| Weight                         | 1.19 kg   |
| Weight                         | 2.62 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.