

Installation Equipment and Accessories

Cable gland With RapidEx compound



CMP-75PX2KREX Art. No. 246658



- 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 armouring. 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 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 certification and certificates can be downloaded from the manufacturer's homepage (www.cmp-products.com) |

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Ambient Conditions

| | |
|---------------------|-------------------|
| Ambient temperature | -60 °C ... +85 °C |
|---------------------|-------------------|

Mechanical Data

| | |
|--------------------------------|---|
| Version | 75 |
| 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 | 66.7 – 78.4 mm |
| Armouring type | All armouring |
| Armouring type 2 | Without lead sheath |
| Armouring type 3 | With barrier seal |
| Clamping range | 66.7 ... 78.4 mm |
| Max. number of cores | 140 |
| Construction type | BS 6121, IEC/EN 62444 |
| Width across corners | 110 mm |
| Width across flats | 100 mm |
| Thread size | M75 |
| Thread length | 15 mm |
| Thread pitch | 1,5 |
| Thread standard | Metric |
| Gland size | 75 |
| Grooved cone | 0.6 ... 1.6 mm |
| Stepped cone | 2.5 ... 3 mm |
| Inner sheath | 0 ... 64.2 mm |
| Max. internal conduit diameter | 0 mm |
| Min. inner conduit diameter | 0 mm |
| Outer sheath | 66.7 ... 78.4 mm |
| Min. outer conduit diameter | 0 mm |
| Max. external conduit diameter | 0 mm |
| Protrusion length | 88.3 mm |
| Impact strength (IEC 60079) | 7 J |
| Impact strength | 20 J |
| PVC boot | PVC30 |
| Lot size | 1 |
| Weight | 2.54 kg |
| Weight | 5.6 lb |

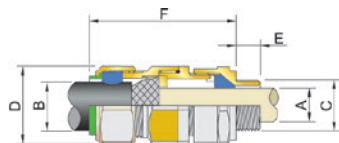
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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



- 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.