

CMP-50sPXSS2KREX Art. No. 246609



- "RapidEx" compound barrier for easy installation and greater reliability
- Sealing for the outer cable sheath provided by an explosion-protected displacement seal
- Worldwide certification in accordance with IECEx, ATEX and cCSAus

MY R. STAHL PXSS2KB



PXSS2K REX series metal Ex d and Ex e barrier cable entries are suitable for unarmoured cables and cables with wire-braid 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 displacement seal for the outer cable sheath coupled with a double flood seal with integral protection.

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 certificate 2 | IECEX SIM 14.0008 X |
| 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 CML 18.0182X |
| 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 certificate 2 | CML 18ATEX4317X |
| ATEX gas explosion protection | ⊕ II 2 G Ex db IIC Gb |
| ATEX dust certificate | CML 18ATEX1325X |
| ATEX dust explosion protection | ⊕ II 1 D Ex ta IIIC Da |
| ATEX firedamp certificate | CML 18ATEX1325X |
| ATEX firedamp protection | ⊕ I M2 Ex db I Mb |
| ATEX firedamp protection 2 | ⊕ I M2 Ex eb I Mb |
| ATEX restricted breathing certificate | CML 18ATEX1325X |
| ATEX restricted breathing | ⊕ II 3 G Ex nR IIC Gc |

Installation Equipment and Accessories

Cable gland for use with RapidEx



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Explosion Protection

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|-------|---|
| Notes | The product certification and certificates can be downloaded from the manufacturer's homepage (www.cmp-products.com) |
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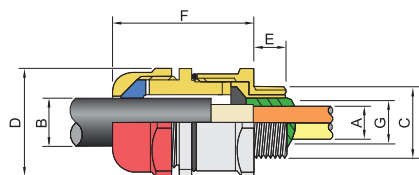
Ambient Conditions

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

Mechanical Data

| | |
|--------------------------------|---|
| Version | 50s |
| 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 |
| Material | Nickel-plated brass |
| Silicone-free | Yes |
| Clamping range | 29.5 – 38.2 mm |
| Armouring type | Unarmoured cable types |
| Clamping range | 29.5 ... 38.2 mm |
| Max. number of cores | 89 |
| Width across corners | 60.5 mm |
| Width across flats | 55 mm |
| Thread size | M50 |
| Thread length | 15 mm |
| Thread pitch | 2 |
| Thread standard | Metric |
| Gland size | 50s |
| Inner sheath | 36.6 mm |
| Max. internal conduit diameter | 36.9 mm |
| Outer sheath | 29.5 ... 38.2 mm |
| Protrusion length | 65.2 mm |
| Impact strength (IEC 60079) | 7 J |
| Impact strength | 20 J |
| PVC boot | PVC15 |
| Lot size | 1 |
| Weight | 660 g |
| Weight | 1.46 lb |

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

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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.