

CMP-20-PXSS2K Art. No. 109441



- Cable entry for unarmoured cables and cables with wire-braid armouring
- Designed to prevent cold flow
- Worldwide certification in accordance with IECEx, ATEX, UL and cCSAus

WebCode **PXSS2KA**



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

Technical Data

Explosion Protection

| | |
|--|---|
| Application range (zones) | 1 2 20 21 22 |
| IECEX gas certificate | IECEX CML 18.0182X |
| ATEX gas certificate | CML 18ATEX1325X |
| IECEX dust certificate | IECEX CML 18.0182X |
| ATEX dust certificate | CML 18ATEX1325X |
| IECEX firedamp certificate | IECEX SIM 14.0008 X |
| ATEX firedamp certificate | CML 18ATEX1325X |
| IECEX restricted breathing certificate | IECEX CML 18.0182X |
| ATEX restricted breathing certificate | CML 18ATEX4317X |
| Certificate EAC | TS RU S-GB.AA87.B.00487 |
| Ambient temperature °C | -60 ... +85 °C |
| Gas explosion protection IECEX | Ex d IIC Gb |
| Gas explosion protection ATEX | ⊕ II 2 G Ex d IIC Gb |
| Gas explosion protection EAC | Ex 1 Ex d e IIC Gb X Ex 2 Ex nR IIC Gc X |
| Dust explosion protection IECEX | Ex ta IIIC Da |
| Dust explosion protection ATEX | ⊕ II 1 D Ex ta IIIC Da |
| Dust explosion protection EAC | Ex ta IIIC Da X |
| Firedamp protection IECEX | Ex d I Mb |
| Firedamp protection ATEX | ⊕ I M2 Ex d I Mb |
| Restricted breathing IECEX | Ex nR IIC Gc |
| Restricted breathing ATEX | ⊕ II 3 G Ex nR IIC Gc |
| Gas explosion protection IECEX 2 | Ex e Gb |

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Explosion Protection

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|---------------------------------|---|
| Gas explosion protection ATEX 2 | ⊕ II 2 G Ex e Gb |
| Firedamp protection IECEx 2 | Ex e I Mb |
| Firedamp protection ATEX 2 | ⊕ I M2 Ex e I Mb |
| Note | The product certification and certificates can be downloaded from the manufacturer's homepage (www.cmp-products.com) |

Electrical Data

| | |
|------------|-----------------------------|
| Ex version | Ex e & Ex d & Ex nR & Ex ta |
|------------|-----------------------------|

Ambient Conditions

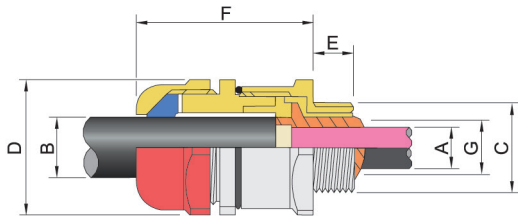
| | |
|---------------------|-------------------|
| Ambient temperature | -60 °C ... +85 °C |
|---------------------|-------------------|

Mechanical Data

| | |
|-----------------------------|---|
| Degree of protection (IP) | IP66 |
| Degree of protection note | IP67 and IP68 mounting in accordance with the specifications of the manufacturer, CMP |
| Sealing material | SOLO LSF |
| Material sealing ring | Viton |
| Material | Nickel-plated brass |
| Silicone-free | Yes |
| Clamping range | 6.5 – 14 mm |
| Clamping range max. | 14 mm |
| Clamping range min. | 6.5 mm |
| Armouring type | Unarmoured cable types |
| Max. number of cores | 11 |
| Construction type | BS 6121, IEC/EN 62444 |
| Width across corners | 33 mm |
| Width across flats | 30 mm |
| Thread size | M20 |
| Thread length | 15 mm |
| Thread pitch | 1,5 |
| Thread standard | metric |
| Gland size | 20 |
| Inner sheath | 12.6 mm |
| Inner conduit diameter max. | 12.9 mm |
| Outer sheath | 6.5 ... 14 mm |
| Protrusion length | 54.2 mm |
| PVC-shroud | PVC06 |
| Lot size | 1 |
| Weight | 0.2 kg |

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



- A = Max. inner sheath
- G = Inner conduit diameter max.
- 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.