

CMP-50C2KX Art. No. 243588



- Designed for use in North America
- Ex e cable gland for all armoured cables: SWA, wire-braid and tape armouring made of steel or aluminium
- Safety thanks to flood seal with integral protection, controlled outer load retention seal
- Class I Zones 1, 21 and Zones 2, 22 Class I Div. 2 Groups ABCD
- Global certification, UL, cCSAus, ATEX and IECEx

MY R. STAHL C2KXA



Special version for the North American market. The Series C2KX metal Ex e cable glands are suitable for all types of armoured cables, i.e. for SWA, wire-braid and tape armouring made of steel and aluminium. They have a multifunctional holder for the armouring and various seals. They are also EMC-tested. They have global certification according to UL, cCSAus, IECEx and ATEX.

### Technical Data

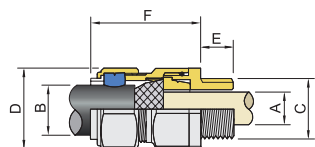
| Explosion Protection                   |   |
|--|---|
| Ex version                             | AEx e & AEx ta  |
| Application range (zones)              | 1, 2, 20, 21, 22  |
| IECEX gas certificate                  | IECEX CML 18.0180X  |
| IECEX gas explosion protection         | Ex IIC Gb   |
| IECEX dust certificate                 | IECEX CML 18.0180X  |
| IECEX dust explosion protection        | Ex ta IIIC Da   |
| IECEX firedamp certificate             | IECEX CML 18.0180X  |
| IECEX restricted breathing certificate | IECEX CML 18.0180X  |
| IECEX restricted breathing             | Ex nR IIC Gc  |
| ATEX gas certificate                   | CML 18ATEX1323X   |
| ATEX gas certificate 2                 | CML 18ATEX4315X   |
| ATEX gas explosion protection          | ⊕ II 2 G Ex IIC Gb  |
| ATEX dust certificate                  | CML 18ATEX1323X   |
| ATEX dust explosion protection         | ⊕ II 1 D Ex ta IIIC Da  |
| ATEX firedamp certificate              | CML 18ATEX1323X   |
| ATEX restricted breathing certificate  | CML 18ATEX1323X   |
| ATEX restricted breathing              | 3 G Ex nR IIC Gc  |
| Marking ULus                           | Class I, Zone 1 AEx e IIC Gb  |
| 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 ... +130 °C  |
| Mechanical Data                        |   |
| Version                                | 50  |
| 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. |

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### Mechanical Data

|                                     |                     |
|-------------------------------------|---------------------|
| IP degree of protection (IEC 60079) | IP66                |
| Degree of protection (IP) UL        | IP66                |
| Sealing material                    | SOLO LSF            |
| Material                            | Nickel-plated brass |
| Silicone-free                       | Yes                 |
| Halogen-free                        | Yes                 |
| Width across corners                | 77.2 mm             |
| Thread size                         | M50                 |
| Thread length                       | 15 mm               |
| Thread pitch                        | 1,5                 |
| Thread standard                     | metric              |
| Gland size                          | 50                  |
| Protrusion length                   | 77 mm               |
| Impact strength (IEC 60079)         | 7 J                 |
| Impact strength                     | 20 J                |
| Weight                              | 1.13 kg             |
| Weight                              | 2.49 lb             |

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



- A = Max. inner sheath
- 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.