

CMP-050TMC Art. No. 243564



- Designed for use in North America
- Version with NPT and metric thread
- Operating temperature range -60 °C to +110 °C
- Class I Zones 1, 21 and Zones 2, 22
- Class I Zone 1 Ex e and Class I Div. 2 Groups ABCD
- Global certification, UL, cCSAus, IECEx and ATEX

MY R. STAHL TMCA



The cable glands have a sequential design and therefore do not need to be removed for installation. A 360° rotary spring establishes reliable earthing. They have global certification according to UL, cCSAus, IECEx and ATEX.

### 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 18.0184X   |
| IECEX gas explosion protection         | Ex db IIC Gb   |
| IECEX dust certificate                 | IECEX CML 18.0184X   |
| IECEX dust explosion protection        | Ex ta IIIC Da  |
| IECEX firedamp certificate             | IECEX CML 18.0184X   |
| IECEX firedamp protection              | Ex db I Mb   |
| IECEX firedamp protection 2            | Ex eb I Mb   |
| IECEX restricted breathing certificate | IECEX CML 18.0184X   |
| IECEX restricted breathing             | Ex nR IIC Gc   |
| ATEX gas certificate                   | CML 18ATEX1337X  |
| ATEX gas explosion protection          | Ex II 2 G Ex db IIC Gb   |
| ATEX dust certificate                  | CML 18ATEX1337X  |
| ATEX dust explosion protection         | Ex II 1 D Ex ta IIIC Da  |
| ATEX firedamp certificate              | CML 18ATEX1337X  |
| 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 18ATEX1337X  |
| 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 ... +110 °C |
|---------------------|--------------------|

#### Mechanical Data

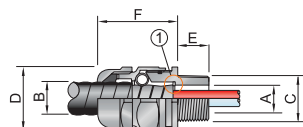
|                           |   |
|---------------------------|---|
| Version                   | 50  |
| Degree of protection (IP) | IP66  |
| Degree of protection note | Mounting in accordance with the specifications of the manufacturer, CMP |

CMP-050TMC Art. No. 243564

### Mechanical Data

|                              |                     |
|------------------------------|---------------------|
| Degree of protection (IP) UL | IP66                |
| Material                     | Nickel-plated brass |
| Silicone-free                | Yes                 |
| Clamping range               | 12.9 – 17 mm        |
| Clamping range               | 12.9 ... 17 mm      |
| Width across corners         | 39.6 mm             |
| Width across flats           | 36 mm               |
| Thread size                  | M20                 |
| Thread length                | 15 mm               |
| Thread standard              | metric              |
| Inner sheath                 | 12.9 ... 17 mm      |
| Outer sheath                 | 13.9 ... 20 mm      |
| Protrusion length            | 52.3 mm             |
| Impact strength (IEC 60079)  | 7 J                 |
| Impact strength              | 20 J                |
| PVC boot                     | PVC09               |
| Lot size                     | 1                   |
| Weight                       | 520 g               |
| Weight                       | 1.15 lb             |

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



1 = removable armour stop

A = 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.