

CMP-20s16A2F Art. No. 246270



- Ex d and Ex e cable entry for unarmoured cables and cables with wire-braid armouring
- More safety: sealing of the outer cable sheath, flood seal, designed to prevent cold flow
- Worldwide certification in accordance with IECEx, ATEX and CSA

MY R. STAHL A2FA



A2F series metal Ex d and Ex e cable entries are designed for unarmoured cables and cables with wire-braid armouring. The flood seal with integral protection and sealing for the outer cable sheath provided by an explosion-protected displacement seal ensure added safety. And because they are designed to prevent cold flow, safety is improved even further. They have worldwide certification according to IECEx, ATEX and CSA.

### Technical Data

#### Explosion Protection

|  |   |
|--|---|
| Ex version                             | Ex e & Ex d & Ex nR & Ex ta   |
| Application range (zones)              | 1<br>2<br>20<br>21<br>22  |
| IECEX gas certificate                  | IECEX CML 18.0179X  |
| IECEX gas explosion protection         | Ex db IIC Gb  |
| IECEX dust certificate                 | IECEX CML 18.0179X  |
| IECEX dust explosion protection        | Ex ta IIIC Da   |
| IECEX restricted breathing certificate | IECEX CML 18.0179X  |
| IECEX restricted breathing             | Ex nR IIC Gc  |
| ATEX gas certificate                   | CML 18ATEX1321X   |
| ATEX gas explosion protection          | ⊕ II 2 G Ex db IIC Gb   |
| ATEX dust certificate                  | CML 18ATEX1321X   |
| ATEX dust explosion protection         | ⊕ II 1 D Ex ta IIIC Da  |
| ATEX restricted breathing certificate  | CML 18ATEX4313X   |
| ATEX restricted breathing              | ⊕ II 3 G Ex nR IIC Gc   |
| Notes                                  | The product certification and certificates can be downloaded from the manufacturer's homepage<br>( <a href="http://www.cmp-products.com">www.cmp-products.com</a> ) |

#### Ambient Conditions

|                     |                    |
|---------------------|--------------------|
| Ambient temperature | -60 °C ... +130 °C |
|---------------------|--------------------|

#### Mechanical Data

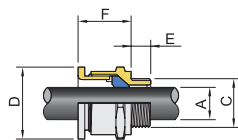
|                           |       |
|---------------------------|-------|
| Version                   | 20s16 |
| Strain relief             | No    |
| Degree of protection (IP) | IP66  |

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### Mechanical Data

|                                |   |
|--------------------------------|---|
| 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. |
| Sealing material               | SOLO LSF  |
| Material                       | Stainless steel   |
| Silicone-free                  | Yes   |
| Halogen-free                   | Yes   |
| Number of cables               | 1   |
| Clamping range                 | 3.2 – 8.7 mm  |
| Armouring type                 | Unarmoured cable types  |
| Armouring type 2               | Cable with protective braiding  |
| Clamping range                 | 3.2 ... 8.7 mm  |
| Max. number of cores           | 1   |
| Construction type              | BS 6121, IEC/EN 62444   |
| Width across corners           | 26.4 mm   |
| Width across flats             | 24 mm   |
| Thread size                    | NPT1/2  |
| Thread length                  | 19.8 mm   |
| Thread pitch                   | 14 TPI  |
| Thread standard                | NPT   |
| Gland size                     | 20s/16  |
| Inner sheath                   | 3.2 ... 8.7 mm  |
| Max. internal conduit diameter | 8.7 mm  |
| Min. inner conduit diameter    | 3.2 mm  |
| Outer sheath                   | 3.2 ... 8.7 mm  |
| Min. outer conduit diameter    | 3.2 mm  |
| Max. external conduit diameter | 8.7 mm  |
| Protrusion length              | 25.1 mm   |
| Impact strength (IEC 60079)    | 7 J   |
| Impact strength                | 20 J  |
| PVC boot                       | PVC04   |
| Lot size                       | 1   |
| Weight                         | 66 g  |
| Weight                         | 0.15 lb   |

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



A = Inner 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.