

CMP-50sA2F Art. No. 243469



- 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

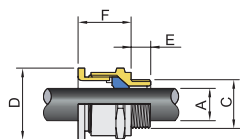
|                           |      |
|---------------------------|------|
| Version                   | 50s  |
| Strain relief             | No   |
| Degree of protection (IP) | IP66 |

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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                                                                                                                                                                                     |
| Number of cables          | 1                                                                                                                                                                                       |
| Clamping range            | 31 – 38.2 mm                                                                                                                                                                            |
| Armouring type            | Unarmoured cable types                                                                                                                                                                  |
| Armouring type 2          | Cable with protective braiding                                                                                                                                                          |
| Clamping range            | 31 ... 38.2 mm                                                                                                                                                                          |
| Construction type         | BS 6121, IEC/EN 62444                                                                                                                                                                   |
| Width across corners      | 60.5 mm                                                                                                                                                                                 |
| Width across flats        | 55 mm                                                                                                                                                                                   |
| Thread size               | M50                                                                                                                                                                                     |
| Thread length             | 15 mm                                                                                                                                                                                   |
| Thread pitch              | 1,5                                                                                                                                                                                     |
| Thread standard           | Metric                                                                                                                                                                                  |
| Gland size                | 50s                                                                                                                                                                                     |
| Inner sheath              | 31 ... 38.2 mm                                                                                                                                                                          |
| Protrusion length         | 32 mm                                                                                                                                                                                   |
| Impact strength           | 20 J                                                                                                                                                                                    |
| PVC boot                  | PVC15                                                                                                                                                                                   |
| Lot size                  | 1                                                                                                                                                                                       |
| Weight                    | 246 g                                                                                                                                                                                   |
| Weight                    | 0.54 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.