

CMP-25A2F Art. No. 246229



- Ex d and Ex e cable glands for unarmoured cables and cables with wire-braid armouring
- Increased safety: Sealing of the outer cable sheath, flood seal, designed to prevent cold flow
- Globally certified in accordance with IECEx, ATEX and CSA

MY R. STAHL A2FA



The Series A2F metal Ex d and Ex d cable glands are designed for unarmoured cables and cables with wire-braid armouring. Greater safety is ensured by the flood seal with integral protection and the sealing of the outer cable sheath by an explosion-protected displacement seal, as well as the prevention of cold flow. They have global certification according to IECEx, ATEX and CSA.

### Technical Data

#### Explosion Protection

|                                        |                                                                                                                                                |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Ex version                             | Ex eb & Ex db & Ex nR & Ex ta                                                                                                                  |
| Application range (zones)              | 1, 2, 20, 21, 22                                                                                                                               |
| Ex interface zone                      | ATEX: 1, 2, 20, 21, 22<br>IECEX:                                                                                                               |
| 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          | Ex II 2 G Ex db IIC Gb                                                                                                                         |
| ATEX dust certificate                  | CML 18ATEX1321X                                                                                                                                |
| ATEX dust explosion protection         | Ex II 1 D Ex ta IIIC Da                                                                                                                        |
| ATEX restricted breathing certificate  | CML 18ATEX4313X                                                                                                                                |
| 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 ... +130 °C |
|---------------------|--------------------|

#### Mechanical Data

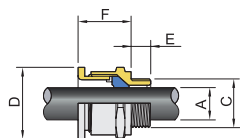
|                                     |                                                                                                                                                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version                             | 25                                                                                                                                                                                |
| Strain relief                       | No                                                                                                                                                                                |
| 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. |
| IP degree of protection (IEC 60079) | IP66                                                                                                                                                                              |

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### Mechanical Data

|                             |                                |
|-----------------------------|--------------------------------|
| Sealing material            | SOLO LSF                       |
| Material                    | Nickel-plated brass            |
| Silicone-free               | Yes                            |
| Halogen-free                | Yes                            |
| Clamping range              | 11.1 – 20 mm                   |
| Armouring type 2            | Cable with protective braiding |
| Clamping range              | 11.1 ... 20 mm                 |
| Construction type           | BS 6121, IEC/EN 62444          |
| Width across corners        | 39.6 mm                        |
| Width across flats          | 36 mm                          |
| Thread size                 | NPT3/4                         |
| Thread length               | 20.3 mm                        |
| Thread pitch                | 14 TPI                         |
| Thread standard             | NPT                            |
| Gland size                  | 25                             |
| Inner sheath                | 11.1 ... 20 mm                 |
| Protrusion length           | 35.5 mm                        |
| Impact strength (IEC 60079) | 7 J                            |
| Impact strength             | 20 J                           |
| PVC boot                    | PVC09                          |
| Weight                      | 130 g                          |
| Weight                      | 0.29 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.