

CMP-20s16A2F Art. No. 243462



- 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

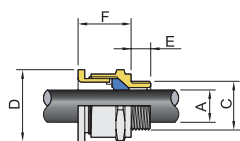
| Explosion Protection                   |   |
|--|---|
| Ex version                             | Ex eb & Ex db & Ex nR & Ex ta   |
| Application range (zones)              | 1, 2, 20, 21, 22  |
| Ex interface zone                      | ATEX: 1, 2, 20, 21, 22<br>IECEX:  |
| IECEX gas certificate                  | 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                                | 20s16   |
| 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  |

CMP-20s16A2F Art. No. 243462

### Mechanical Data

|                                |                                |
|--------------------------------|--------------------------------|
| Sealing material               | SOLO LSF                       |
| Material                       | Nickel-plated brass            |
| Silicone-free                  | Yes                            |
| Halogen-free                   | Yes                            |
| Clamping range                 | 3.2 – 8.7 mm                   |
| Armouring type 2               | Cable with protective braiding |
| Clamping range                 | 3.2 ... 8.7 mm                 |
| Construction type              | BS 6121, IEC/EN 62444          |
| Width across corners           | 26.4 mm                        |
| Width across flats             | 24 mm                          |
| Thread size                    | M20                            |
| Thread length                  | 15 mm                          |
| Thread pitch                   | 1,5                            |
| Thread standard                | metric                         |
| 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              | 26 mm                          |
| Impact strength (IEC 60079)    | 7 J                            |
| Impact strength                | 20 J                           |
| PVC boot                       | PVC04                          |
| Weight                         | 70 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.