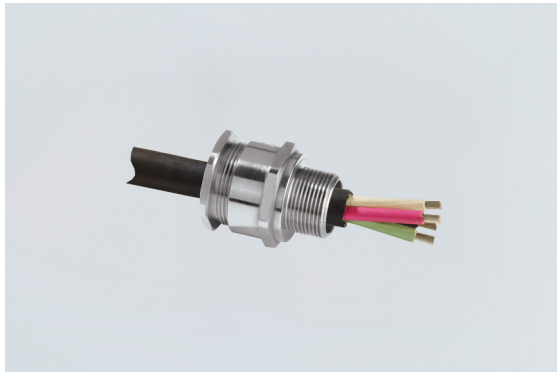


CMP-63sA2F Art. No. 243466



- 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

|                                        |                                                                                      |
|----------------------------------------|--------------------------------------------------------------------------------------|
| Area of application                    | EAC<br>India<br>CCC<br>Canada (CSA)<br>TUV<br>European Union (ATEX)<br>IECEX<br>UKEX |
| 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 eb IIC Gb                                                                      |
| IECEX dust certificate                 | IECEX CML 18.0179X                                                                   |
| IECEX dust explosion protection        | Ex ta IIIC Da                                                                        |
| IECEX firedamp certificate             | IECEX CML 18.0179X                                                                   |
| IECEX restricted breathing certificate | IECEX CML 18.0179X                                                                   |
| IECEX restricted breathing             | Ex nR IIC Gc                                                                         |
| ATEX gas certificate                   | CML 18ATEX1321X                                                                      |
| ATEX gas certificate 2                 | CML 18ATEX4313X                                                                      |
| ATEX gas explosion protection          | Ex II 2 G Ex db eb IIC Gb                                                            |
| ATEX dust certificate                  | CML 18ATEX1321X                                                                      |
| ATEX dust explosion protection         | Ex II 1 D Ex ta IIIC Da                                                              |
| ATEX firedamp certificate              | CML 18ATEX1321X                                                                      |
| ATEX restricted breathing certificate  | CML 18ATEX1321X                                                                      |
| ATEX restricted breathing              | Ex II 3 G Ex nR IIC Gc                                                               |

CMP-63sA2F Art. No. 243466

### Explosion Protection

|       |                                                                                                                                                |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes | The product certificates can be downloaded from the manufacturer's homepage ( <a href="http://www.cmp-products.com">www.cmp-products.com</a> ) |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------|

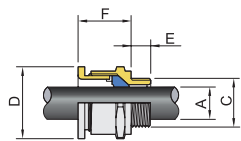
### Ambient Conditions

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

### Mechanical Data

|                                     |                                                                                                                                                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version                             | 63s                                                                                                                                                                               |
| 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                                                                                                                                                                              |
| Degree of protection (IP) UL        | IP66                                                                                                                                                                              |
| Sealing material                    | SOLO LSF                                                                                                                                                                          |
| Material                            | Nickel-plated brass                                                                                                                                                               |
| Silicone-free                       | Yes                                                                                                                                                                               |
| Halogen-free                        | Yes                                                                                                                                                                               |
| Clamping range                      | 41.5 – 49.9 mm                                                                                                                                                                    |
| Armouring type 2                    | Cable with protective braiding                                                                                                                                                    |
| Clamping range                      | 41.5 ... 49.9 mm                                                                                                                                                                  |
| Construction type                   | BS 6121, IEC/EN 62444                                                                                                                                                             |
| Width across corners                | 77.6 mm                                                                                                                                                                           |
| Width across flats                  | 70.5 mm                                                                                                                                                                           |
| Thread size                         | M63                                                                                                                                                                               |
| Thread length                       | 15 mm                                                                                                                                                                             |
| Thread pitch                        | 1,5                                                                                                                                                                               |
| Thread standard                     | metric                                                                                                                                                                            |
| Gland size                          | 63s                                                                                                                                                                               |
| Inner sheath                        | 41.5 ... 49.9 mm                                                                                                                                                                  |
| Protrusion length                   | 33.5 mm                                                                                                                                                                           |
| Impact strength (IEC 60079)         | 7 J                                                                                                                                                                               |
| Impact strength                     | 20 J                                                                                                                                                                              |
| PVC boot                            | PVC21                                                                                                                                                                             |
| Weight                              | 430 g                                                                                                                                                                             |
| Weight                              | 0.95 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.