

CMP-50sA2FFC Art. No. 243623



- Ex d and Ex e cable gland for all unarmoured cables and cables with wire-braid armouring in flexible and rigid conduits
- Outer cable sheath sealed by an explosion-protected displacement seal
- Globally certified in accordance with IECEx, ATEX and CSA

MY R. STAHL A2FFCA



The Series A2FFC metal Ex d and Ex e cable glands are designed for all types of unarmoured cables and cables with wire-braid armouring which are installed in flexible or rigid conduits, including those with a rubber coating. A thread adaptor is also required for connecting to rigid conduits. The cable entries are designed to prevent cold flow.

Technical Data

Explosion Protection

| | |
|--|--|
| Ex version | Ex e & Ex d & Ex nR & Ex ta |
| Application range (zones) | 1, 2, 20, 21, 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 firedamp certificate | IECEX SIM 14.0006 |
| IECEX firedamp protection | Ex db I Mb |
| IECEX firedamp protection 2 | Ex eb I Mb |
| 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 firedamp certificate | CML 18ATEX1321X |
| ATEX firedamp protection | Ex I M2 Ex db I Mb |
| ATEX firedamp protection 2 | Ex I M2 Ex eb I Mb |
| 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 (www.cmp-products.com) |

Ambient Conditions

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

Mechanical Data

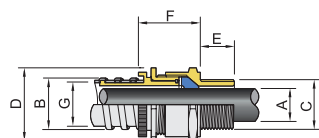
| | |
|---------------|-----|
| Version | 50s |
| Strain relief | No |

CMP-50sA2FFC Art. No. 243623

Mechanical Data

| | |
|--------------------------------|---|
| Degree of protection (IP) | IP66 |
| Degree of protection note | Mounting in accordance with the specifications of the manufacturer, CMP |
| Sealing material | SOLO LSF |
| Silicone-free | Yes |
| 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 |
| Max. internal conduit diameter | 51.2 mm |
| Max. external conduit diameter | 61 mm |
| Protrusion length | 43.8 mm |
| Impact strength | 20 J |
| Lot size | 1 |
| Weight | 490 g |
| Weight | 1.08 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
 G = Max. internal conduit diameter
 B = Max. external conduit diameter

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.