

CMP-50A2F Art. No. 107801



- 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 2 20 21 22 |
| IECEX gas certificate | IECEX CML 18.0179X |
| IECEX gas certificate 2 | IECEX SIM 14.0007 |
| 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 CML 18.0179X |
| 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 certificate 2 | CML 18ATEX4313X |
| 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 firedamp certificate | CML 18ATEX1321X |
| ATEX firedamp protection | ⊕ I M2 Ex db I Mb |
| ATEX firedamp protection 2 | ⊕ I M2 Ex eb I Mb |
| ATEX restricted breathing certificate | CML 18ATEX1321X |
| ATEX restricted breathing | ⊕ II 3 G Ex nR IIC Gc |

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Explosion Protection

| | |
|-------|---|
| Notes | The product certification and certificates can be downloaded from the manufacturer's homepage (www.cmp-products.com) |
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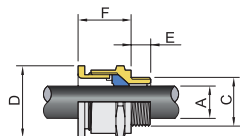
Ambient Conditions

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

Mechanical Data

| | |
|-----------------------------|---|
| Version | 50 |
| Strain relief | No |
| Degree of protection (IP) | IP66 |
| 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 | Nickel-plated brass |
| Silicone-free | Yes |
| Number of cables | 1 |
| Clamping range | 35.6 – 44 mm |
| Armouring type | Unarmoured cable types |
| Armouring type 2 | Cable with protective braiding |
| Clamping range | 35.6 ... 44 mm |
| Construction type | BS 6121, IEC/EN 62444 |
| Width across corners | 66 mm |
| Width across flats | 55 mm |
| Thread size | M50 |
| Thread length | 15 mm |
| Thread pitch | 1,5 |
| Thread standard | Metric |
| Gland size | 50 |
| Inner sheath | 35.6 ... 44 mm |
| Protrusion length | 36.3 mm |
| Impact strength (IEC 60079) | 7 J |
| Impact strength | 20 J |
| PVC boot | PVC18 |
| Lot size | 1 |
| Weight | 270 g |
| Weight | 0.6 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

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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.