

CMP-50A2F Art. No. 168148



- 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	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 18ATEX1321X
ATEX restricted breathing	Ex 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 ( <a href="http://www.cmp-products.com">www.cmp-products.com</a> )
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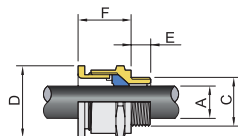
### Ambient Conditions

Ambient temperature	-60 °C ... +130 °C
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### 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	Stainless steel
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	60 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.