

CMP-20A2F100 Art. No. 263422



- 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
- No strain relief necessary
- Suitable for mobile uses
- Worldwide certification in accordance with IECEx, ATEX and CSA

MY R. STAHL A2F100A



A2F 100 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 18.0172
IECEX gas explosion protection	Ex db IIC Gb
IECEX dust certificate	IECEX CML 18.0172
IECEX dust explosion protection	Ex ta IIIC Da
IECEX firedamp certificate	IECEX CML 18.0172
IECEX firedamp protection	Ex db I Mb
IECEX firedamp protection 2	Ex eb I Mb
IECEX restricted breathing certificate	IECEX CML 18.0172
IECEX restricted breathing	Ex nRc IIC Gc
ATEX gas certificate	CML 18ATEX1307
ATEX gas explosion protection	Ex II 2 G Ex db IIC Gb
ATEX dust certificate	CML 18ATEX1307
ATEX dust explosion protection	Ex II 1 D Ex ta IIIC Da
ATEX firedamp certificate	CML 18ATEX1307
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 18ATEX4311
ATEX restricted breathing	Ex II 3 G Ex nRc IIC Gc
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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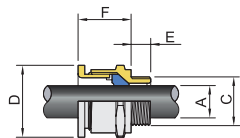
### Ambient Conditions

Ambient temperature	-60 °C ... +130 °C
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### Mechanical Data

Version	20
Strain relief	Yes
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	No
Clamping range	7 – 13.5 mm
Armouring type	Unarmoured cable types
Armouring type 2	Cable with protective braiding
Clamping range	7 ... 13.5 mm
Construction type	BS 6121, IEC/EN 62444
Width across corners	29.7 mm
Width across flats	27 mm
Thread size	M20
Thread length	15 mm
Thread pitch	1,5
Thread standard	Metric
Gland size	20
Inner sheath	7 ... 13.5 mm
Protrusion length	35.8 mm
Impact strength (IEC 60079)	7 J
Impact strength	20 J
PVC boot	PVC05
Lot size	1
Weight	90 g
Weight	0.2 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.