

CMP-20A2FFC Art. No. 243607



- 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

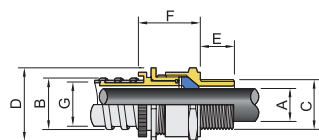
<b>Explosion Protection</b>	
Ex version	Ex e & Ex d & Ex nR & Ex ta
Application range (zones)	1, 2, 20, 21, 22
IECEX gas certificate	IECEX CML 18.0179X
IECEX gas explosion protection	Ex db IIC Gb
IECEX dust certificate	IECEX CML 18.0179X
IECEX dust explosion protection	Ex ta IIIC Da
IECEX firedamp certificate	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	⊕ 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 18ATEX4313X
ATEX restricted breathing	⊕ II 3 G Ex nR IIC Gc
Notes	The product certificates can be downloaded from the manufacturer's homepage ( <a href="http://www.cmp-products.com">www.cmp-products.com</a> )
<b>Ambient Conditions</b>	
Ambient temperature	-60 °C ... +130 °C
<b>Mechanical Data</b>	
Version	20
Strain relief	No

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### 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	6.5 – 14 mm
Armouring type	Unarmoured cable types
Armouring type 2	Cable with protective braiding
Clamping range	6.5 ... 14 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	6.5 ... 14 mm
Max. internal conduit diameter	18 mm
Max. external conduit diameter	24 mm
Protrusion length	35.4 mm
Impact strength	20 J
Lot size	1
Weight	100 g
Weight	0.22 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.