

# Cable glands Ex e & Ex d & Ex nR & Ex ta

Series A2FFC for unarmoured cables/flexible conduit connection



- 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.

	IECEx / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•	•	•	•

Selection Table									
Thread standard		metric							
Gland size	Thread size	Inner sheath	Max. internal conduit diameter	Max. external conduit diameter	Width across flats	Width across corners	Protrusion length	Art. No.	Weight
20	M20	6.5 ... 13.1 mm	15.6 mm	21.6 mm	27 mm	29.7 mm	35.4 mm	243605	100 g
	M20	6.5 ... 14 mm	16.9 mm	23.4 mm	27 mm	29.7 mm	35.4 mm	243606	100 g
	M20	6.5 ... 14 mm	18 mm	24 mm	27 mm	29.7 mm	35.4 mm	243607	100 g
	M20	6.5 ... 14 mm	18.7 mm	25 mm	27 mm	29.7 mm	35.4 mm	243608	100 g
	M20	6.5 ... 14 mm	20 mm	26.3 mm	27 mm	29.7 mm	35.4 mm	243609	120 g
	M20	6.5 ... 14 mm	20.5 mm	28 mm	27 mm	29.7 mm	35.4 mm	243610	110 g
20s	M20	6.1 ... 11.4 mm	13 mm	20 mm	24 mm	26.4 mm	33.1 mm	243602	90 g
	M20	6.1 ... 11.7 mm	13.9 mm	20 mm	24 mm	26.4 mm	33.1 mm	243603	90 g
20s/16	M20	3.2 ... 4.1 mm	5.1 mm	12 mm	24 mm	26.4 mm	33.2 mm	243593	90 g
	M20	3.2 ... 5.2 mm	6.8 mm	13 mm	24 mm	26.4 mm	33.2 mm	243594	90 g
	M20	3.2 ... 5.5 mm	7.8 mm	13 mm	24 mm	26.4 mm	33.2 mm	243595	90 g
	M20	3.2 ... 8.1 mm	9.5 mm	15 mm	24 mm	26.4 mm	33.2 mm	243597	90 g
	M20	3.2 ... 8.1 mm	10.2 mm	16 mm	24 mm	26.4 mm	33.2 mm	243598	90 g
	M20	3.2 ... 8.1 mm	10.9 mm	17 mm	24 mm	26.4 mm	33.2 mm	243599	90 g
	M20	3.2 ... 8.1 mm	11.7 mm	17.4 mm	24 mm	26.4 mm	33.2 mm	243600	90 g
25	M25	11.1 ... 15.3 mm	17.6 mm	25 mm	36 mm	39.6 mm	43.1 mm	243611	160 g
	M25	11.1 ... 18.4 mm	20.7 mm	27 mm	36 mm	39.6 mm	43.1 mm	243612	160 g
	M25	11.1 ... 19 mm	22.3 mm	28.5 mm	36 mm	39.6 mm	43.1 mm	243613	170 g
	M25	11.1 ... 20 mm	23.7 mm	32 mm	36 mm	39.6 mm	43.1 mm	243614	180 g
	M25	11.1 ... 20 mm	26.5 mm	35 mm	36 mm	39.6 mm	43.1 mm	243616	180 g
32	M32	17 ... 26 mm	28.1 mm	35.8 mm	41 mm	45.1 mm	43.1 mm	243617	210 g
	M32	17 ... 26.3 mm	30.4 mm	38 mm	41 mm	45.1 mm	43.1 mm	243618	210 g

**Selection Table**

Thread standard		metric							
Gland size	Thread size	Inner sheath	Max. internal conduit diameter	Max. external conduit diameter	Width across flats	Width across corners	Protrusion length	Art. No.	Weight
40	M40	23.5 ... 32.2 mm	36.4 mm	45 mm	50 mm	55 mm	45.1 mm	243620	280 g
	M40	23.5 ... 32.2 mm	40 mm	49 mm	50 mm	55 mm	45.1 mm	243621	300 g
50s	M50	31 ... 38.2 mm	46.5 mm	58.7 mm	55 mm	60.5 mm	43.8 mm	243622	480 g
	M50	31 ... 38.2 mm	51.2 mm	61 mm	55 mm	60.5 mm	43.8 mm	243623	490 g

**Technical Data**
**Explosion Protection**

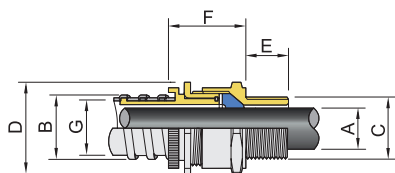
IECEx gas explosion protection	Ex db eb IIC Gb
IECEx gas explosion protection 2	Ex eb IIC Gb
ATEX gas explosion protection	Ⓜ II 2 G Ex db eb IIC Gb
ATEX gas explosion protection 2	Ⓜ II 2 G Ex eb IIC Gb
IECEx dust explosion protection	Ex ta IIIC Da
ATEX dust explosion protection	Ⓜ II 1 D Ex ta IIIC Da
IECEx firedamp protection	Ex db I Mb
IECEx firedamp protection 2	Ex eb I Mb
ATEX firedamp protection	Ⓜ I M2 Ex db I Mb
ATEX firedamp protection 2	Ⓜ I M2 Ex eb I Mb
IECEx restricted breathing	Ex nR IIC Gc
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> )
Ex version	Ex e & Ex d & Ex nR & Ex ta

**Ambient Conditions**

Ambient temperature	-60 °C ... +130 °C
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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
Material	Nickel-plated brass

**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