

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

Series A2FRC for unarmoured cables/rigid conduit connection

STAHL

E10



- Ex d and Ex e cable gland for all unarmoured cables and cables with wire-braid armouring in flexible conduits
- Outer cable sheath sealed by an explosion-protected displacement seal
- Globally certified in accordance with IECEx, ATEX and CSA

## MY R. STAHL A2FRC



Series A2FRC 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. Installation is incredibly easy thanks to a connector that can be rotated freely. The cable glands are designed to prevent cold flow.

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

### Selection Table

Thread standard		metric							PVC boot	Art. No.	Weight
Gland size	Thread size	Inner sheath	Thread length	Inner conduit thread	Width across flats	Width across corners	Protrusion length				
20	M20	6.5 ... 14 mm	15 mm	M20	27 mm	29.7 mm	47.9 mm	PVC05	243627	110 g	
20s	M20	6.1 ... 11.7 mm	15 mm	M20	24 mm	26.4 mm	46.1 mm	PVC04	243626	110 g	
20s/16	M20	3.2 ... 8.7 mm	15 mm	M20	24 mm	26.4 mm	46.9 mm	PVC04	243625	110 g	
25	M25	11.1 ... 20 mm	15 mm	M25	36 mm	39.6 mm	50.4 mm	PVC09	243628	200 g	
32	M32	17 ... 26.3 mm	15 mm	M32	41 mm	45.1 mm	50.7 mm	PVC10	243629	240 g	
40	M40	23.5 ... 32.2 mm	15 mm	M40	50 mm	55 mm	51.4 mm	PVC13	243630	330 g	
50	M50	35.6 ... 44 mm	15 mm	M50	60 mm	66 mm	62 mm	PVC18	243632	440 g	
50s	M50	31 ... 38.2 mm	15 mm	M50	55 mm	60.5 mm	55.2 mm	PVC15	243631	430 g	
63	M63	47.2 ... 55.9 mm	15 mm	M63	75 mm	82.5 mm	61.5 mm	PVC23	243634	640 g	
63s	M63	41.5 ... 49.9 mm	15 mm	M63	70.5 mm	77.6 mm	58.4 mm	PVC21	243633	720 g	

### Technical Data

#### Explosion Protection

IECEx gas explosion protection	Ex db IIC Gb
IECEx gas explosion protection 2	Ex eb IIC Gb
IECEx dust explosion protection	Ex ta IIIC Da
IECEx restricted breathing	Ex nR IIC Gc
ATEX gas explosion protection	Ex II 2 G Ex db IIC Gb
ATEX gas explosion protection 2	Ex II 2 G Ex eb IIC Gb
ATEX dust explosion protection	Ex II 1 D Ex ta IIIC Da
ATEX restricted breathing	Ex II 3 G Ex nR IIC Gc

## Technical Data

### Explosion Protection

Notes The product certificates can be downloaded from the manufacturer's homepage ([www.cmp-products.com](http://www.cmp-products.com))

Ex version Ex e & Ex d & Ex nR & Ex ta

### Mechanical Data

Degree of protection (IP) IP66

Degree of protection note Mounting in accordance with the specifications of the manufacturer, CMP

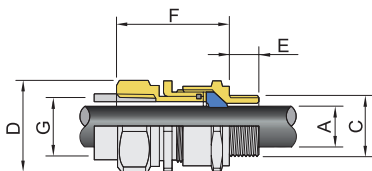
Material Nickel-plated brass

Sealing material SOLO LSF

Armouring type Unarmoured cable types

Construction type BS 6121, IEC/EN 62444

## 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 = Inner conduit thread