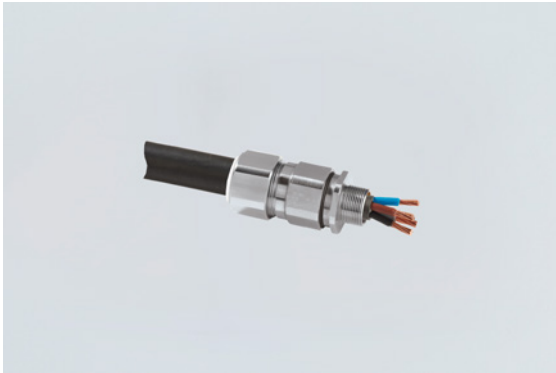


# Cable glands Ex e & Ex nR & Ex ta

Series C2KX for all types of armouring without lead sheath



- Designed for use in North America
- Ex e cable gland for all armoured cables: SWA, wire-braid and tape armouring made of steel or aluminium
- Safety thanks to flood seal with integral protection, controlled outer load retention seal
- Class I Zones 1, 21 and Zones 2, 22 Class I Div. 2 Groups ABCD
- Global certification, UL, cCSAus, ATEX and IECEx

E10

## MY R. STAHL C2KXA



Special version for the North American market. The Series C2KX metal Ex e cable glands are suitable for all types of armoured cables, i.e. for SWA, wire-braid and tape armouring made of steel and aluminium. They have a multifunctional holder for the armouring and various seals. They are also EMC-tested. They have global certification according to UL, cCSAus, IECEx and ATEX.

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

Selection Table										
Thread standard		metric								
Gland size	Thread size	Inner sheath	Outer sheath	Width across flats	Width across corners	Grooved cone	Stepped cone	PVC boot	Art. No.	Weight
20	M20	14 mm	12.4 ... 20.8 mm	30.5 mm	33.6 mm	0.4 ... 1 mm	0.4 ... 1 mm	PVC06	243583	520 g
20s	M20	11.7 mm	9.4 ... 16 mm	30.5 mm	33.5 mm	0.3 ... 1 mm	0.3 ... 1 mm	PVC06	243582	520 g
20s/16	M20	8.6 mm	6.1 ... 13.2 mm	30.5 mm	33.5 mm	0.3 ... 1 mm	0.3 ... 1 mm	PVC06	243581	520 g
25	M25	20.1 mm	18.3 ... 26.2 mm	37.5 mm	41.1 mm	0.4 ... 1.2 mm	0.4 ... 1.2 mm	PVC09	243584	520 g
32	M32	25.9 mm	23.6 ... 34 mm	46 mm	50.5 mm	0.4 ... 1.2 mm	0.4 ... 1.2 mm	PVC11	243585	520 g
40	M40	32.3 mm	27.9 ... 40.4 mm	55 mm	60.5 mm	0.4 ... 1.6 mm	0.4 ... 1.6 mm	PVC15	243586	750 g
50	M50	-	-	-	-	-	-	-	243588	1.13 kg
50s	M50	38.1 mm	35.3 ... 46.7 mm	60 mm	66 mm	0.4 ... 1.6 mm	0.4 ... 1.6 mm	PVC18	243587	860 g
63	M63	56.1 mm	54.6 ... 65.8 mm	80 mm	88.1 mm	0.6 ... 1.6 mm	0.6 ... 1.6 mm	PVC25	243590	1.34 kg
63s	M63	50 mm	45.7 ... 59.4 mm	75 mm	82.6 mm	0.6 ... 1.6 mm	0.6 ... 1.6 mm	PVC23	243589	1.33 kg
75	M75	64.3 mm	66.8 ... 78.5 mm	100 mm	110 mm	0.6 ... 1.6 mm	0.6 ... 1.6 mm	PVC30	243592	2.48 kg
75s	M75	62 mm	58.9 ... 72.1 mm	90 mm	99.1 mm	0.6 ... 1.6 mm	0.6 ... 1.6 mm	PVC28	243591	2.02 kg
Thread standard		NPT								
Gland size	Thread size	Inner sheath	Outer sheath	Width across flats	Width across corners	Grooved cone	Stepped cone	PVC boot	Art. No.	Weight
20	NPT1/2	14 mm	12.4 ... 20.8 mm	30.5 mm	33.6 mm	0.4 ... 1 mm	0.4 ... 1 mm	PVC06	243571	520 g
20s	NPT1/2	11.7 mm	9.4 ... 16 mm	30.5 mm	33.5 mm	0.3 ... 1 mm	0.3 ... 1 mm	PVC06	243570	520 g
20s/16	NPT1/2	8.6 mm	6.1 ... 13.2 mm	30.5 mm	33.5 mm	0.3 ... 1 mm	0.3 ... 1 mm	PVC06	243569	520 g
25	NPT3/4	20.1 mm	18.3 ... 26.2 mm	37.5 mm	41.1 mm	0.4 ... 1.2 mm	0.4 ... 1.2 mm	PVC09	243572	520 g
32	NPT1	25.9 mm	23.6 ... 34 mm	46 mm	50.5 mm	0.4 ... 1.2 mm	0.4 ... 1.2 mm	PVC11	243573	520 g

**Selection Table**

Thread standard		NPT								
Gland size	Thread size	Inner sheath	Outer sheath	Width across flats	Width across corners	Grooved cone	Stepped cone	PVC boot	Art. No.	Weight
40	NPT1-1/4	-	-	-	-	-	-	PVC15	243574	750 g
50	NPT2	44.2 mm	40.4 ... 53.1 mm	70.1 mm	77.2 mm	0.6 ... 1.6 mm	0.6 ... 1.6 mm	PVC21	243576	1.13 kg
50s	NPT1-1/2	-	-	-	-	-	-	PVC18	243575	860 g
63	NPT2-1/2	56.1 mm	54.6 ... 65.8 mm	80 mm	88.1 mm	0.6 ... 1.6 mm	0.6 ... 1.6 mm	PVC25	243578	1.34 kg
63s	NPT2	50 mm	45.7 ... 59.4 mm	75 mm	82.6 mm	0.6 ... 1.6 mm	0.6 ... 1.6 mm	PVC23	243577	1.33 kg
75	NPT3	64.3 mm	66.8 ... 78.5 mm	100 mm	110 mm	0.6 ... 1.6 mm	0.6 ... 1.6 mm	PVC30	243580	2.48 kg
75s	NPT2-1/2	62 mm	58.9 ... 72.1 mm	90 mm	99.1 mm	0.6 ... 1.6 mm	0.6 ... 1.6 mm	PVC28	243579	2.02 kg

Versions with country codes BRA, CHN and others available on request.

Grooved cone: For cables with wire-braid or tape armouring  
Smooth cone: For cables with wire armouring (SWA)

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

IECEx gas explosion protection Ex eb IIC Gb

IECEx dust explosion protection Ex ta IIIC Da

ATEX gas explosion protection II 2 G Ex eb IIC Gb

ATEX dust explosion protection II 1 D Ex ta IIIC Da

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 nR & Ex ta

**Ambient Conditions**

Ambient temperature -60 °C ... +130 °C

**Mechanical Data**

Degree of protection (IP) IP66

Degree of protection note IP67 and IP68 mounting according to the specifications of the manufacturer, CMP. The specified degrees of protection are only fulfilled if CMP installation accessories are used.

Material Nickel-plated brass

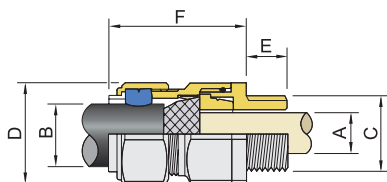
Sealing material SOLO LSF

Armouring type All armouring

Construction type BS 6121, IEC/EN 62444

Silicone-free Yes

Impact strength 20 J

**Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations**


A = Max. inner sheath B = Outer sheath  
C = Thread size D = Width across corners  
D = Width across flats E = Thread length  
F = Protrusion length