

- Designed for use in North America
- Ex e cable entry for all armoured cables: SWA, braid- and tape-type steel and aluminium armouring
- Safety provided by flood seal with integral protection and controlled outer load retention sea
- Class I Zone 1, 21 and Zone 2, 22 Class I Div. 2 groups ABCD
- Worldwide certification: UL, cCSAus, ATEX and IECEx

E10

WebCode **C2KXA**



Special version for the North American market. C2KX series metal Ex e cable entries are suitable for all types of armoured cables, i.e. for SWA, braid- and tape-type steel and aluminium armouring. They feature a multi-functional holder for the armouring and various seals. They are also EMC-tested. They have worldwide certification according to UL, cCSAus, IECEx and ATEX.

	ATEX / IECEx					
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-shroud	Art. No.	Weight kg
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	0.520
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	0.520
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 ▲	0.520
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	0.520
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	0.520
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	0.750
50	M50	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	243588	1.130
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	0.860
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	1.340
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	1.330
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	2.480
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	2.020
Thread standard NPT										
Gland size	Thread size	Inner sheath	Outer sheath	Width across flats	Width across corners	Grooved cone	Stepped cone	PVC-shroud	Art. No.	Weight kg
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	0.520
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	0.520
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 ▲	0.520
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	0.520
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	0.520

**Selection Table**

Thread standard		metric							Art. No.	Weight kg
Gland size	Thread size	Inner sheath	Outer sheath	Width across flats	Width across corners	Grooved cone	Stepped cone	PVC-shroud		
40	NPT1-1/4	32.3 mm	27.9 ... 40.4 mm	55 mm	60.5 mm	0.4 ... 1.6 mm	0.4 ... 1.6 mm	PVC15	243574	0.750
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	1.130
50s	NPT1-1/2	38.1 mm	35.3 ... 46.7 mm	60 mm	66 mm	0.4 ... 1.6 mm	0.4 ... 1.6 mm	PVC18	243575	0.860
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	1.340
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	1.330
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	2.480
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	2.020

Grooved cone: for cables with braid- or tape-type armouring  
 Stepped 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
EAC gas explosion protection	1 Ex e IIC Gb X 2 Ex nR IIC Gc X
EAC dust explosion protection	1 Ex ta IIIC Da X

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

**Electrical Data**

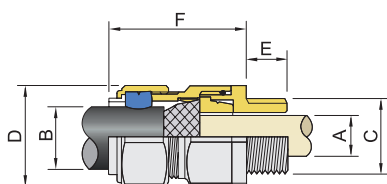
Ex version: Ex e & Ex nR & Ex ta

**Ambient Conditions**

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

**Mechanical Data**

Degree of protection (IP)	IP66
Degree of protection note	IP67 and IP68 mounting in accordance with the specifications of the manufacturer, CMP
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