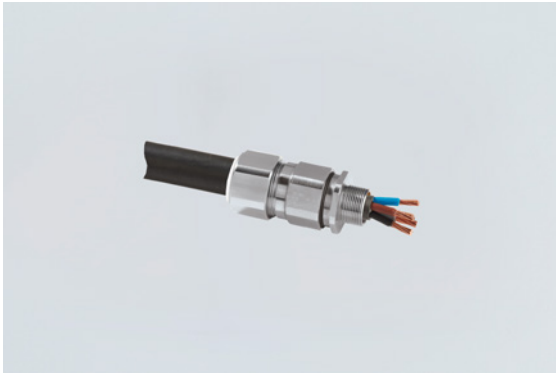


Cable glands Ex e & Ex nR & Ex ta

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)

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

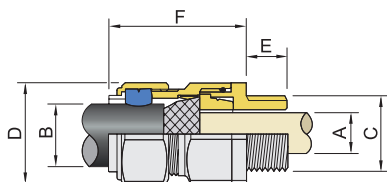
Sealing material SOLO LSF

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