

- Ex e cable entry for cables with braid- and tape-type steel or aluminium armouring
- Controlled outer load retention seal
- Worldwide certification in accordance with IECEx and ATEX, EMC-tested

WebCode CXeA



CXe series metal Ex e cable entries are suitable for the following types of armoured cables: Braid-type steel and aluminium armouring. They feature a special holder for the armouring and various seals. They are also EMC-tested.

	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	Protrusion length	Grooved cone	PVC boot	Art. No.	Weight
20	M20	14 mm	12.5 ... 20.9 mm	30.5 mm	33.6 mm	48 mm	0.4 ... 1 mm	PVC06	246517	150 g
20s/16	M20	8.7 mm	6.1 ... 13.1 mm	24 mm	26.4 mm	48 mm	0.3 ... 1 mm	PVC04	246516	100 g
25	M25	20 mm	18.2 ... 26.2 mm	37.5 mm	41.3 mm	56 mm	0.4 ... 1.2 mm	PVC09	246518	220 g
32	M32	26 mm	23.7 ... 33.9 mm	46 mm	50.6 mm	54 mm	0.4 ... 1.2 mm	PVC11	246519	310 g
40	M40	32.2 mm	27.9 ... 40.4 mm	55 mm	60.5 mm	58 mm	0.4 ... 1.6 mm	PVC15	246520	450 g
50	M50	44.1 mm	40.4 ... 53 mm	70.1 mm	77.1 mm	60 mm	0.6 ... 1.6 mm	PVC21	246522	750 g
50s	M50	38.2 mm	35.2 ... 46.7 mm	60 mm	66 mm	61 mm	0.4 ... 1.6 mm	PVC18	246521	570 g
63	M63	56 mm	54.6 ... 65.8 mm	80 mm	88 mm	71 mm	0.6 ... 1.6 mm	PVC25	246524	1.02 kg
63s	M63	50 mm	45.6 ... 59.4 mm	75 mm	82.5 mm	74 mm	0.6 ... 1.6 mm	PVC23	246523	1.04 kg
75	M75	64.2 mm	66.7 ... 78.4 mm	100 mm	110 mm	82 mm	0.6 ... 1.6 mm	PVC30	246526	2.09 kg
75s	M75	62 mm	59 ... 72 mm	90 mm	99 mm	86 mm	0.6 ... 1.6 mm	PVC28	246525	1.79 kg
Thread standard		NPT								
Gland size	Thread size	Inner sheath	Outer sheath	Width across flats	Width across corners	Protrusion length	Grooved cone	PVC boot	Art. No.	Weight
20	NPT1/2	14 mm	12.5 ... 20.9 mm	30.5 mm	33.6 mm	48 mm	0.4 ... 1 mm	PVC06	246528	150 g
20s	NPT1/2	11.7 mm	9.5 ... 15.9 mm	24 mm	26.4 mm	48 mm	0.3 ... 1 mm	PVC04	251702	100 g
20s/16	NPT1/2	8.7 mm	6.1 ... 13.1 mm	24 mm	26.4 mm	48 mm	0.3 ... 1 mm	PVC04	246527	100 g
25	NPT3/4	20 mm	18.2 ... 26.2 mm	37.5 mm	41.3 mm	56 mm	0.4 ... 1.2 mm	PVC09	246529	220 g
25s	NPT3/4	20 mm	14 ... 22 mm	37.5 mm	39.6 mm	56 mm	0.4 ... 1.2 mm	PVC09	251703	220 g
32	NPT1	26 mm	23.7 ... 33.9 mm	46 mm	50.6 mm	54 mm	0.4 ... 1.2 mm	PVC11	246530	310 g
40	NPT1-1/4	32.2 mm	27.9 ... 40.4 mm	55 mm	60.5 mm	58 mm	0.4 ... 1.6 mm	PVC15	246531	450 g

Selection Table

Thread standard		NPT								
Gland size	Thread size	Inner sheath	Outer sheath	Width across flats	Width across corners	Protrusion length	Grooved cone	PVC boot	Art. No.	Weight
50	NPT2	44.1 mm	40.4 ... 53 mm	70.1 mm	77.1 mm	60 mm	0.6 ... 1.6 mm	PVC21	246533	750 g
50s	NPT1-1/2	38.2 mm	35.2 ... 46.7 mm	60 mm	66 mm	61 mm	0.4 ... 1.6 mm	PVC18	246532	570 g
63	NPT2-1/2	56 mm	54.6 ... 65.8 mm	80 mm	88 mm	71 mm	0.6 ... 1.6 mm	PVC25	246535	1.02 kg
63s	NPT2	50 mm	45.6 ... 59.4 mm	75 mm	82.5 mm	74 mm	0.6 ... 1.6 mm	PVC23	246534	1.04 kg
75	NPT3	64.2 mm	66.7 ... 78.4 mm	100 mm	110 mm	82 mm	0.6 ... 1.6 mm	PVC30	246537	2.09 kg
75s	NPT2-1/2	62 mm	59 ... 72 mm	90 mm	99 mm	86 mm	0.6 ... 1.6 mm	PVC28	246536	1.79 kg

Grooved cone: for cables with braid- or tape-type armouring

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 certification and certificates can be downloaded from the manufacturer's homepage (www.cmp-products.com)

Ex version Ex e & Ex ta

Ambient Conditions

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

Mechanical Data

Degree of protection (IP) IP66

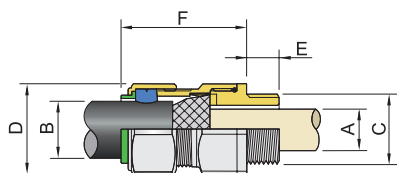
Degree of protection note IP67 and IP68 mounting in accordance with the specifications of the manufacturer, CMP

Material Nickel-plated brass

Sealing material SOLO LSF

Armouring type Wire braid cable

Construction type BS 6121, IEC/EN 62444

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