



CXE BRASS

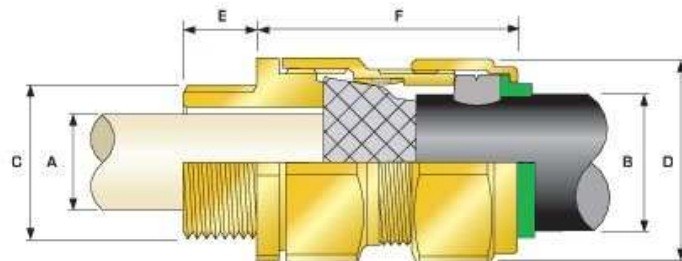
CXe Cable Gland Selection Table

CXe Increased Safety Ex e Cable Gland

CMP Type CXe Increased Safety (Type 'e') cable gland for use in Zone 1, Zone 2, Zone 21 and Zone 22 Explosive Atmospheres with Braided, Pliable Wire Armour (PWA), Strip Armour, Steel Tape Armour (STA) & Single Wire Armour (SWA if the gauge is fine enough) cable providing an environmental seal on the cable outer sheath.

The cable gland being suitable for armoured cables, provides mechanical cable retention and electrical continuity via armour wire termination.

All CMP Cable Glands are EMC Tested.



Cable Gland Size	Standard Metric Entry Threads 'C'	Minimum Thread length 'E'	Cable Bedding Diameter 'A'	Overall Cable Diameter 'B'		Braid Wire Diameter		Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference (Brass Metric) #	PVC Shroud Reference*	Cable Gland Weight (Kgs)
				Min	Max	Min	Max	Max	Max				
20S/16	M20	15.0	8.7	6.1	11.5	0.15	0.5	24.0	26.4	21.0	20S16CXe1RA	PVC04	0.054
20S	M20	15.0	11.7	9.5	15.9	0.15	0.5	24.0	26.4	21.0	20SCXe1RA	PVC04	0.054
20	M20	15.0	14.0	12.5	20.9	0.2	0.5	30.5	33.6	24.0	20CXe1RA	PVC06	0.059
25S	M25	15.0	20.0	14.0	22.0	0.2	0.6	37.5	41.3	26.0	25SCXe1RA	PVC09	0.112
25	M25	15.0	20.0	18.2	26.2	0.2	0.6	37.5	41.3	26.0	25CXe1RA	PVC09	0.128
32	M32	15.0	26.3	23.7	33.9	0.2	0.6	46.0	50.6	27.0	32CXe1RA	PVC11	0.128
40	M40	15.0	32.2	27.9	40.4	0.2	0.8	55.0	60.5	28.0	40CXe1RA	PVC15	0.168
50S	M50	15.0	38.2	35.2	46.7	0.2	0.8	60.0	66.0	29.0	50SCXe1RA	PVC18	0.224
50	M50	15.0	44.1	40.4	53.1	0.3	0.8	70.0	77.0	30.0	50CXe1RA	PVC21	0.231
63S	M63	15.0	50.0	45.6	59.4	0.3	0.8	75.0	82.5	30.0	50CXe1RA	PVC23	0.360
63	M63	15.0	56.0	54.6	65.9	0.3	0.8	80.0	88.0	30.0	63CXe1RA	PVC25	0.344
75S	M75	15.0	62.0	59.0	72.1	0.3	0.8	89.0	97.9	32.0	75SCXe1RA	PVC28	0.466
75	M75	15.0	68.0	66.7	78.5	0.3	0.8	99.0	108.9	32.0	75CXe1RA	PVC30	0.395
90	M90	24.0	80.0	76.2	90.4	0.4	0.8	114.0	125.4	44.0	90CXe1RA	PVC32	1.346
100	M100	24.0	91.0	86.1	101.5	0.4	0.8	123.0	135.3	48.0	100CXe1RA	LSF33	1.575
115	M115	24.0	98.0	101.5	110.3	0.4	0.8	133.4	146.7	55.0	115CXe1RA	LSF34	2.322
130	M130	24.0	115.0	114.2	123.3	0.4	0.8	146.1	160.7	62.0	130CXe1RA	LSF35	3.400

Dimensions are displayed in millimetres unless otherwise stated

NOTE: *CMP SOLO LSF Halogen Free Shrouds also available on request. + Alternative armour clamping range available for non-standard armour sizes. #Other materials and finishes are available. IEC Ex and ATEX Explosive Atmosphere certification marking included as standard. Please consult CMP for any other requirements.

Technical Data

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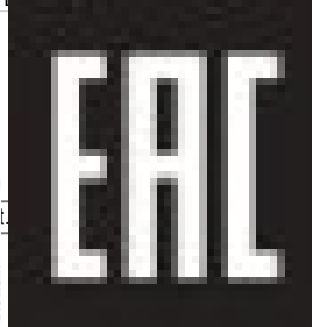
Deaktiver for: engelsk

Alternativer ▼

Mechanical Classifications	Impact = Level 8, retention = Class B (EN 50262) Class D (IEC 62444)
Electrical Classifications	Category A
ATEX Certificate	SIRA13ATEX1070X
Code of Protection	Ex II 2G, II 1D, Ex e IIC Gb, Ex ta IIIC Da
Compliance Standards	EN 60079-0,7,31
IEC Ex Certificate	IECEX SIR 13.0025X
Code of Protection	Ex e II, Ex e IIC Gb, Ex ta IIIC Da
Compliance Standards	IEC 60079-0,7,31
EAC Certificate (Previously GOST R & GOST K)	TC RU C-GB.ГБ.05.B.00138
Code of Protection	EX 1 Ex e IIC Gb X, Ex ta IIIC Da X, IP66
NEPSI Certificate	GYJ13.1140X
Code of Protection	Ex e IIC Gb / DIP A21 TA
Compliance Standards	GB3836.1,2,3, GB12476.1
INMETRO Approval	TÜV 12.0617X
Code of Protection	Ex e IIC Gb Ex tb IIIC Db IP66W
Compliance Standards	ABNT NBR IEC 60079-0,1,7, ANBT NBR IEC 60529
RETIE Approval Number	03866
Marine Approvals	LRS: 01/00171 , DNV: E-13286, ABS: 01-LD234401B/2-PDA
Continuous Operating Temperature	-60°C to +130°C, (-20°C to +200°C with optional high temperature seals)
Ingress Protection Rating	IP66
Cable Gland Material	Brass, Electroless Nickel Plated Brass, Aluminium, Stainless Steel
Seal Material	CMP thermoset rubber
Cable Type	Screened Flexible Wire Braid (e.g. CY / SY), Pliable Wire Armour (PWA), Steel Tape Armour (STA), Wire Braid Armour (e.g. SWB), Aluminium Strip Armour (ASA)
Armour Clamping	Detachable Armour Cone & AnyWay Universal Clamping Ring
Sealing Technique	Unique CMP "LPS" TM Outer Seal (Load Retention Seal)
Sealing Area(s)	Cable Outer Sheath
Accessories	Adaptor/Reducer, Earth Tag, Locknut, Serrated Washer, Entry Thread Seal, Shroud

[BLE GLANDS](#)

IEC

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