

# TMCX

**TMCX GLOBALLY APPROVED, HAZARDOUS (CLASSIFIED) LOCATION BARRIER CABLE GLAND**

**FOR MC, MC-HL, INTERLOCKED & TECK ARMORED CABLES**

- Simple, sequential installation process
- Compound barrier type flameproof seal
- Integral protected deluge seal
- Low Impedance Copper Plated Stainless Steel 360° Grounding Spring
- Disconnectable, union design feature
- -60°C to +85°C (-76°F to +185°F)
- Globally marked, UL, cCSAus, IECEx and ATEX



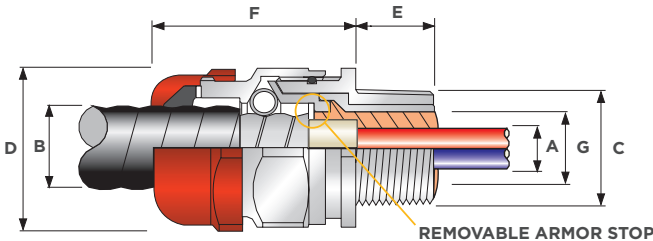
+85 °C  
↑  
-60 °C

AEx d	AEx e	AEx t
Ex d	Ex e	Ex t

## TECHNICAL CLASSIFICATION

DESIGN SPECIFICATION	BS 6121:Part 1:1989, IEC 62444, EN 62444
MECHANICAL CLASSIFICATION*	Impact = Level 8, Cable Anchorage = Type D
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules) Brass and Stainless Steel only
INGRESS PROTECTION RATING**	IP66
NEMA RATING**	Type 4X
CABLE GLAND MATERIAL	Copper Free (<0.4%) Aluminum, Stainless Steel, Electroless Nickel Plated Brass
SEAL MATERIAL	CMP SOLO LSF Halogen Free Thermoset Elastomer / Epoxy Barrier Compound
CABLE TYPE	Corrugated and Interlocked Metal Clad Armor (MC) or TECK90, Continuously Welded Metal Clad Armor (MC-HL), ACIC-HL, ACWU90-HL, RC90-HL, RA90-HL
ARMOR CLAMPING	Low Impedance Copper Plated Stainless Steel 360° Grounding Spring
JACKET SEALING TECHNIQUE	CMP Displacement Seal
SEALING AREA(S)	Inner Compound Barrier and Cable Outer Jacket

\* Mechanical and Electrical Classifications applied as per IEC 62444 and EN 62444.  
\*\* When CMP installation accessories are used. Refer to [www.cmp-products.com](http://www.cmp-products.com) for further information.



## GLOBAL PRODUCT CERTIFICATION

ATEX CERTIFICATE	CML18ATEX1337X	IECEx CERTIFICATE	IECEx CML 18.0184X
CODE OF PROTECTION	⊕ II 2G TD, Ex db IIC, Ex eb IIC, Ex ta IIIC Da	CODE OF PROTECTION	Ex db IIC, Ex eb II, Ex ta IIIC Da
COMPLIANCE STANDARDS	EN 60079-0,1,7,31	COMPLIANCE STANDARDS	IEC 60079-0,1,7,31
cCSAus CERTIFICATE	1129339		
CSAus CODE OF PROTECTION	Class I, Div 1 and 2, Groups A, B, C, and D; Class II, Div 1 and 2, Groups E, F, and G; Class III, Div 1 and 2; Encl. Types 3, 4, and 4X; Class I, Zone 1, AEx d IIC; AEx e II		
cCSA CODE OF PROTECTION	Class I, Div 1 and 2, Groups A, B, C, and D; Class II, Div 1 and 2, Groups E, F, and G; Class III, Div 1 and 2; Encl. Types 3, 4, and 4X; Ex d IIC; Ex e II		
COMPLIANCE STANDARDS	CAN/CSA-C22.2 No 0-10,18.3-04,25-1966,174-M1984,94-M91, CAN/CSA-C22.2 No.60079-0,1; ANSI/UL 514B, ANSI/UL 50, ANSI/UL 60079-0,1,7, CAN/CSA-E60079-7.07		
UL CERTIFICATE	E161256, E256366		
CODE OF PROTECTION	Class I, Div 1 and 2, Groups A, B, C, and D; Class II, Div 1 and 2, Groups E, F, and G; Class III, Div 1 and 2; Class I, Zone 1, AEx d IIC		
COMPLIANCE STANDARDS	UL 514B, UL 2225, IEC 60529		
ECAS CERTIFICATE	20-02-05628	UKrSEPRO CERTIFICATE	CLJ 19.0371X
EAC CERTIFICATE	TC RU C-GB.AA87.B.00487		
CODE OF PROTECTION	IEx d IIC Gb X, IEx e IIC Gb X, Ex ta IIIC Da X, IP66		
RETIE APPROVAL NUMBER	03866	CCOE / PESO (INDIA) CERTIFICATE	P444949
CCC CERTIFICATE	202032313003429		
MARINE APPROVALS	LRS:01/00172, DNV: TAE000000Y, ABS: 20-LD1948801-PDA, BV: 43180 A1 BV		



ORDER REFERENCE (NPT)			ENTRY THREAD °C		MINIMUM THREAD LENGTH °E		CABLE ARMOR DIAMETER °A				CABLE JACKET DIAMETER °B		NOMINAL ASSEMBLY LENGTH °F	MAX		SHROUD	WEIGHT (oz)
ALUMINUM	NICKEL PLATED BRASS	STAINLESS STEEL	NPT	METRIC	NPT	METRIC	ARMOR STOP IN		ARMOR STOP OUT		MIN	MAX		ACROSS FLATS °D	ACROSS CORNERS °D		
							MIN	MAX	MIN	MAX							
TMCX050SA	TMCX050SNB	TMCX050SSS	½"	M20	0.78	0.59	No Stop	No Stop	0.34	0.50	0.35	0.55	1.83	1.20	1.32	PVC06	7.90
TMCX050A	TMCX050NB	TMCX050SS	½"	M20	0.78	0.59	No Stop	No Stop	0.51	0.67	0.55	0.79	2.06	1.42	1.56	PVC09	9.91
TMCX075A	TMCX075NB	TMCX075SS	¾"	M25	0.80	0.59	0.59	0.76	0.76	0.92	0.67	1.04	2.09	1.61	1.78	PVC10	11.61
TMCX100A	TMCX100NB	TMCX100SS	1"	M32	0.98	0.59	0.78	0.97	0.97	1.15	0.91	1.27	2.24	1.97	2.17	PVC13	17.53
TMCX125A	TMCX125NB	TMCX125SS	1 ¼"	M40	1.01	0.59	1.08	1.23	1.23	1.39	1.16	1.50	2.22	2.17	2.38	PVC15	20.92
TMCX150A	TMCX150NB	TMCX150SS	1 ½"	M50	1.03	0.59	1.32	1.46	1.46	1.62	1.40	1.74	2.31	2.36	2.60	PVC18	24.45
TMCX200SA	TMCX200SNB	TMCX200SSS	2"	M50	1.06	0.59	1.51	1.68	1.68	1.85	1.58	1.97	2.52	2.76	3.03	PVC21	42.33
TMCX200A	TMCX200NB	TMCX200SS	2"	M63	1.06	0.59	1.77	1.93	1.93	2.09	1.86	2.21	2.49	2.95	3.25	PVC23	38.80
TMCX250SA	TMCX250SNB	TMCX250SSS	2 ½"	M75	1.57	0.59	2.05	2.16	2.16	2.32	2.08	2.44	2.73	3.15	3.47	PVC25	59.97
TMCX250A	TMCX250NB	TMCX250SS	2 ½"	M75	1.57	0.59	2.25	2.41	2.41	2.55	2.33	2.68	2.84	3.35	3.68	PVC27	56.48
TMCX300A	TMCX300NB	TMCX300SS	3"	M90	1.63	0.95	2.54	2.78	2.78	2.97	2.62	3.13	3.87	4.33	4.76	LSF32	123.46
TMCX350A	TMCX350NB	TMCX350SS	3 ½"	M100	1.69	0.95	2.91	3.29	3.29	3.49	2.99	3.83	4.52	5.25	5.78	LSF34	236.34

Order code example: TMCX250SS "TMC" (Gland Type) - "250" (2 ½" NPT Thread) - "SS" (Material Stainless Steel)

Dimensions are displayed in inches unless otherwise stated

For 4" TMCX cable glands please contact CMP