

## TMC GLOBALLY APPROVED, HAZARDOUS (CLASSIFIED) LOCATION CABLE GLAND

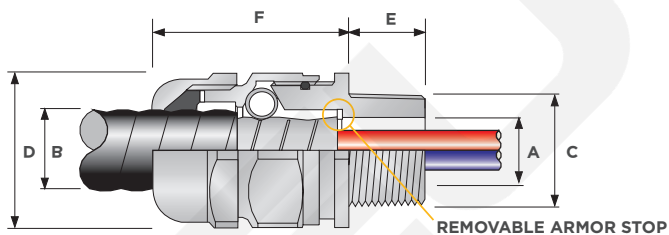
### FOR MC, MC-HL, INTERLOCKED & TECK ARMORED CABLES

- Simple, sequential installation process
- No disassembly required
- Integral protected deluge seal
- 360° grounding spring (non-magnetic)
- -76°F to 230°F
- Globally marked, UL, cCSAus, IECEx & ATEX
- Interface 'O' ring seal supplied with Aluminum
- SOLO LSF Halogen Free Shrouds also available on request

<b>IP66</b>	<b>NEMA 4X</b>
<b>EMC</b>	+230°F ↑ -76°F
<b>AEx e</b>	<b>AEx t</b>
<b>Ex e</b>	<b>Ex t</b>

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

\* Mechanical & Electrical Classifications applied as per IEC 62444 & 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	SIRA07ATEX1122X	IECEx CERTIFICATE	IECEx SIR 07.0083X
CODE OF PROTECTION	II 2 GD, Ex e II Gb, Ex Ia IIC Da IP66	CODE OF PROTECTION	Ex e II Gb, Ex Ia IIC Da IP66
COMPLIANCE STANDARDS	EN 60079-0,7, EN 612410,1	COMPLIANCE STANDARDS	IEC 60079-0,1,7,31
cCSAus CERTIFICATE	1129339		
CSAus CODE OF PROTECTION	Class II, Div 1 and 2, Groups E, F, and G; Class III, Div 1 and 2; Encl. Type 3, 4, 4X. Class I, Zone 1, AEx e II;		
cCSA CODE OF PROTECTION	Class II, Div 1 and 2, Groups E, F, and G; Class III, Div 1 and 2; Encl. Type 3, 4, 4X. Ex e II;		
COMPLIANCE STANDARDS	CAN/CSA-C22.2 Various Sections (See Certificate) CAN/CSA-E60079-0, IEC 60079-0,1		
UL CERTIFICATE	E256366		
CODE OF PROTECTION	Class I, Zone 1, AEx e II		
COMPLIANCE STANDARDS	UL 514B, UL 60079-0,7, U 2225		
EAC CERTIFICATE	TC RU C-GB.AA87.B.00487	UkrSEPRO	UA.TR.047.C.0644-15
CODE OF PROTECTION	IExe IIC Gb X, Ex Ia IIC Da X IP66		
CCOE / PESO (INDIA) CERTIFICATE	P333688		
MARINE APPROVALS	LRS: 01/00172 DNV: TAE000000Y ABS: 14-LD234401A-4-PDA BV: 43180 A1 BV		



Please note the following installation requirements: 1) Where Explosionproof enclosures are being used the TMC must be installed with an approved pouring or compound sealing fitting. In Division 2 locations the TMC can be fitted directly to an enclosure which has no source of ignition in accordance with NEC/CEC requirements. 2) Glands with NPT entry threads are suitable for both Divisions and Zones. 3) Glands with Metric entry threads are suitable for Zones only unless fitted with an approved NPT male adaptor in accordance with CEC requirements.

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 (OZS)
ALUMINUM	NICKEL PLATED BRASS	STAINLESS STEEL	NPT	METRIC	NPT	METRIC	END STOP IN		END STOP OUT		MIN	MAX		ACROSS FLATS "D"	ACROSS CORNERS "D"		
							MIN	MAX	MIN	MAX							
TMC050SA	TMC050NB	TMC050SS	1/2"	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
TMC050A	TMC050NB	TMC050SS	1/2"	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
TMC075A	TMC075NB	TMC075SS	3/4"	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
TMC100A	TMC100NB	TMC100SS	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
TMC125A	TMC125NB	TMC125SS	1 1/4"	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
TMC150A	TMC150NB	TMC150SS	1 1/2"	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
TMC200SA	TMC200NB	TMC200SS	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
TMC200A	TMC200NB	TMC200SS	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
TMC250SA	TMC250NB	TMC250SS	2 1/2"	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
TMC250A	TMC250NB	TMC250SS	2 1/2"	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
TMC300A	TMC300NB	TMC300SS	3"	M90	1.63	0.59	2.54	2.78	2.78	2.97	2.62	3.13	3.87	4.33	4.76	LSF32	123.46
TMC350A	TMC350NB	TMC350SS	3 1/2"	M100	1.69	0.95	2.91	3.29	3.29	3.49	2.99	3.83	4.63	5.25	5.78	LSF34	236.34

Order Code Example: TMC250SS "TMC" (Gland Type) - "250" (2 1/2" NPT Thread) - "SS" (Material Stainless Steel)

Dimensions are displayed in inches unless otherwise stated

For 4" TMC cable glands please contact CMP