specs@eutexinternational.com

EUTEX INTERNATIONAL

TMC CABLE GLAND

TMC GLOBALLY APPROVED, HAZARDOUS (CLASSIFIED) LOCATION CABLE GLAND



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

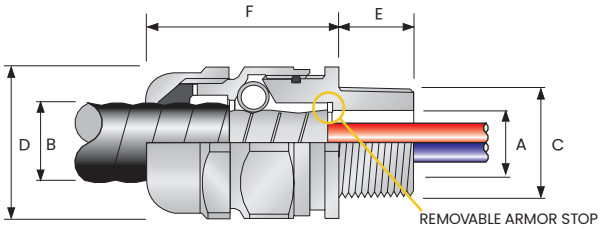
- Simple, sequential installation process
- No disassembly required
- Integral protected deluge seal
- Low Impedance Copper Plated Stainless Steel 360° Grounding Spring
- -60°C to +130°C (-76°F to +266°F)
- Globally marked, UL, cCSAus, IECEx, ATEX and UKEX
- O-ring face seal supplied with Aluminum glands
- SOLO LSF Halogen Free Shrouds also available on request

IP66 | +130°C / -60°C | NEMA 4X | EMC | AEx e / Ex e | AEx t / Ex t

GLOBAL PRODUCT CERTIFICATION			
ATEX CERTIFICATE	CML18ATEX1337X	IECEx CERTIFICATE	IECEx CML 18.0184X
UKEX CERTIFICATE	CML 21UKEX1261X		
CODE OF PROTECTION	II 2G 1D, Ex eb II Gb, Ex ta IIIC Da	CODE OF PROTECTION	Ex eb II Gb, Ex ta IIIC Da
COMPLIANCE STANDARDS	EN 60079-0,7, 31	COMPLIANCE STANDARDS	IEC 60079-0,7,31
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. Types 3,4, and 4X; Ex e II; 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. Types 3, 4, and 4X; 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, CAN/CSA-E60079-7:07, ANSI/UL 514B, ANSI/UL 50, ANSI/UL 60079-0,7		
UL CERTIFICATE	E256366		
CODE OF PROTECTION	Class I, Zone 1, AEx e II; Class I, Zone 2, AEx e II		
COMPLIANCE STANDARDS	UL 514B, UL 60079-0,7, UL 2225		
ECAS CERTIFICATE	20-02-05628	UkrSEPRO CERTIFICATE	СЦ 19.0371X
CCOE / PESO (INDIA) CERTIFICATE	P444949		
CCC CERTIFICATE	2020322313003429		
MARINE APPROVALS	LRS: 01/00172 , DNV: TAE000000Y, ABS: 20-LD1948801-PDA, BV: 43180		

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 Aluminum (<0.4%), Electroless Nickel Plated Brass, Stainless Steel
SEAL MATERIAL	SOLO LSF Halogen Free Thermoset Elastomer
CABLE TYPE	Corrugated & Interlocked Metal Clad Armor (MC) or TECK90, Continuously Welded Metal Clad Armor (MC-HL), ACIC-HL, ACWU90-HL, RC90-HL, RA90-HL
ARMOUR CLAMPING	Low Impedance Copper Plated Stainless Steel 360° Grounding Spring
SEALING TECHNIQUE	Load Retention Seal
SEALING AREA(S)	Cable Outer Jacket

* Mechanical and Electrical Classifications applied as per IEC 62444 and EN 62444



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 (oz)
							END STOP IN		END STOP OUT					ACROSS FLATS 'D'	ACROSS CORNERS 'D'		
ALUMINUM	NICKEL PLATED BRASS	STAINLESS STEEL	NPT	METRIC	NPT	METRIC	MIN	MAX	MIN	MAX	MIN	MAX					
TMC050SA	TMC050SNB	TMC050SSS	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
TMC050A	TMC050NB	TMC050SS	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
TMC075A	TMC075NB	TMC075SS	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
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 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
TMC150A	TMC150NB	TMC150SS	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
TMC200SA	TMC200SNB	TMC200SSS	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	TMC250SNB	TMC250SSS	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
TMC250A	TMC250NB	TMC250SS	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
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 ½"	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" (2½" NPT Thread) - "SS" (Material Stainless Steel)

Dimensions are displayed in inches unless otherwise stated

For 4" TMC cable glands please contact EUTEX