



TMC

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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

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.



TECHNICAL DATA	
Design Specification	BS 6121:Part 1:1989, IEC 62444, EN 62444
Mechanical Classifications*	Impact = Level 8, Cable Anchorage = Class D
Enclosure Protection	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
ATEX Certificate	SIRA07ATEX1122X
Code of Protection	⊕ II 2 GD, Ex e II Gb, Ex ta IIIC Da IP66
Compliance Standards	EN 60079-0,7, EN 612410,1
IECEx Certificate	IECEx SIR 07.0083X
Code of Protection	Ex e II Gb, Ex ta IIIC Da IP66
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
CCOE / PESO (India) Certificate	P333688
Marine Approvals	LRS: 01/00172 (E3) DNV: TAE000000Y ABS: 14-LD234401A-4-PDA BV: 43180/A1
Ingress Protection Rating**	NEMA 4X & IP66
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 page 7 or www.cmp-products.com for further information.

Cable Gland Selection Table

Refer to illustration at the top of the page

Order Reference (NPT)			Entry Thread "C"		Minimum Thread Length "E"	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	TMC050SNB	TMC050SSS	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	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 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
TMC400A	TMC400NB	TMC400SS	4"	M115	1.73	0.95	2.91	3.29	3.29	3.49	2.99	3.83	4.63	5.25	5.78	LSF34	264.55

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