Terminator TMC3 armored and non-armored cable glands

Cl. I, Div. 2
Cl. II, Div. 1, Groups E, F, G
Cl. III
ATEX/IECEx

NEMA 4X
IP66
Wet Locations

Cable types:

NEC certified for use with cable types:

- MC, MC-HL, TECK, TC, TC-ER, TC-ER-HL[A], ITC, ITC-ER, ITC-HL, PLTC and PLTC-ER

CEC certified for use with cable types:

- TECK, ACIC, TC

Features:

- Multiple thread size options per sealing range eliminates need for adapters or reducers
- Full range of sizes from ½" to 2" NPT available
- Standard gasket and locknut ease installation and improve ingress protection (IP66 and NEMA 4X)
- Meets same bonding requirements as Myers hubs when installed in thin wall enclosures
- Extreme temperature range: -60°C to +109°C
- Corrosion-resistant material options: copper-free aluminum, nickel-plated brass or 316 stainless steel
- Cold Shrink™ kits available for extra protection in extreme environments (see Section 2G for more information)
- Eaton blue, anodized industrial grade nut *(aluminum version only)*
- Certification markings oriented for easy inspection when installed in the bottom of enclosures
- Dual certified for armored (MC/TECK) and non-armored (tray) cables
- Two-piece construction with locknut and gasket for faster installation
- Increased size of wrenching surfaces on body and nut
- The following part numbers are not listed for TC-ER-HL cables:
  - TMC3-100-2
  - TMC3-125-1
  - TMC3-150-2
  - TMC3-200-1

Certifications and compliances:

NEC/CEC:

- cULus to UL514B, UL2225, CSA C22.2 No. 18.3, CSA C22.2 No. 60079-0, -7, -31
- UL File No. E36379
- ATEX/IECEx to EN/IEC 60079-0, -7, -31
- ATEX File No. E483443
- NEMA 4X, IP66
- Listed for wet locations
- Listed for Class II, Division 1, Groups E, F, G and Class III
- Suitable for use in Class I, Division 2 locations, provided there are no arcing and sparking risks in accordance with NEC 501.10B

ATEX and IECEx and other global certifications:

- IECEx UL 19.0079X, DEMKO 19 ATEX 2260X, Ex eb IIC Ex tb IIIc

Standard materials:

- Body, gland nut and locknut – copper-free aluminum, nickel-plated brass or 316 stainless steel options
- Bushing and gasket – silicone
- Spring – copper alloy

Operating temperature:

- -60°C to +109°C

Patents:

- US20210226436A1 (Cable Gland Compression Limiter)
- US20210135436A1 (Cable Gland Bushing)
- US20210033136A1 (Hybrid Thread Geometry for Threaded Fitting)





[A] Type TC-ER-HL cable is rated for 600V nominal. Overall cable diameters are 25mm (1 inch) or less. The following part numbers are not listed for TC-ER-HL cables: **TMC3-100-2, TMC3-125-1, TMC3-150-2 and TMC3-200-1**.

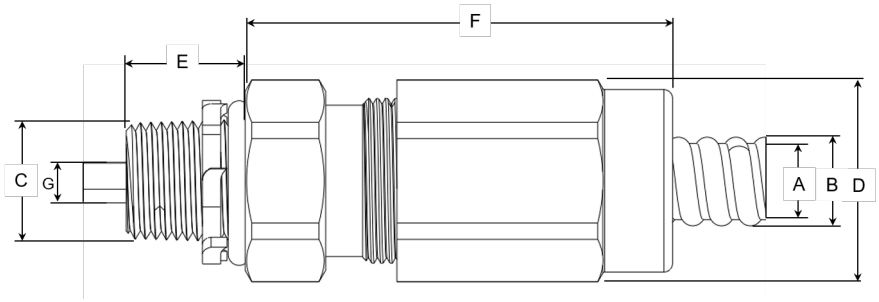
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NEMA 4X
IP66
Wet Locations

1G



Entry thread NPT (C)	Cat. #[B]	Over conductors O.D. max. (G)[C]		Armored MC & MC-HL cables				Armored TECK90 cables				Non-armored TC		Non-armored TC-ER-HL		Across corners (D)	Thread length (E)	Length (F)
				Armor O.D. (A)		Cable O.D. (B)		Armor O.D. (A)		Cable O.D. (B)[C]		Cable O.D. (B)[C]		Cable O.D. (B)[C]				
		w/ armor stop	w/o armor stop	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.			
½"	**TMC3-050-0**	0.350	0.560	0.452	0.660	0.550	0.780	0.512	0.670	0.610	0.780	0.500	0.660	0.500	0.600	1.38	0.75	2.55
½"	**TMC3-050-1**	0.350	0.560	0.579	0.872	0.670	1.000	0.581	0.880	0.670	1.000	0.640	0.860	0.640	0.860	1.63	0.75	2.60
¾"	**TMC3-075-0**	0.510	0.796	0.452	0.660	0.550	0.780	0.512	0.670	0.610	0.780	0.500	0.660	0.500	0.660	1.38	0.78	2.55
¾"	**TMC3-075-1**	0.510	0.796	0.579	0.872	0.660	1.000	0.581	0.880	0.670	1.000	0.640	0.860	0.640	0.860	1.63	0.78	2.60
¾"	**TMC3-075-2**	0.730	0.810	0.800	1.120	0.850	1.310	0.800	1.120	0.850	1.310	0.850	1.120	0.850	1.120	1.99	0.79	4.00
1"	**TMC3-100-1**	0.730	1.040	0.800	1.120	0.850	1.310	0.800	1.120	0.850	1.310	0.850	1.120	0.850	1.120	1.99	0.99	4.00
1"	**TMC3-100-2**	0.980	1.040	1.100	1.400	1.150	1.620	1.100	1.400	1.150	1.620	1.150	1.400	–	–	2.45	1.01	4.00
1¼"	**TMC3-125-1**	0.980	1.250	1.100	1.400	1.150	1.620	1.100	1.400	1.150	1.620	1.150	1.400	–	–	2.45	1.03	5.00
1¼"	**TMC3-125-2**	1.160	1.250	1.280	1.610	1.380	1.780	1.280	1.610	1.380	1.780	1.380	1.610	1.380	1.610	2.75	1.01	5.00
1½"	**TMC3-150-1**	1.160	1.560	1.280	1.610	1.380	1.780	1.280	1.610	1.380	1.780	1.380	1.610	1.380	1.610	2.75	1.03	5.00
1½"	**TMC3-150-2**	1.540	1.560	1.520	2.060	1.630	2.310	1.520	2.060	1.630	2.310	1.630	2.080	–	–	3.50	1.03	5.14
2"	**TMC3-200-1**	1.540	2.000	1.520	2.060	1.630	2.310	1.520	2.060	1.630	2.310	1.630	2.080	–	–	3.50	1.06	5.14

All dimensions in inches.

Accessories (ordered separately):

Myers™ grounding locknuts

Cat. #	Description
STAGN 1	½" aluminum Myers grounding locknut
STAGN 2	¾" aluminum Myers grounding locknut
STAGN 3	1" aluminum Myers grounding locknut
STAGN 4	1¼" aluminum Myers grounding locknut
STAGN 5	1½" aluminum Myers grounding locknut
STAGN 6	2" aluminum Myers grounding locknut
SSTGN 1	½" stainless steel Myers grounding locknut
SSTGN 2	¾" stainless steel Myers grounding locknut



TMC Cold Shrink™ kits

Cat. #	TMC3 O.D. (in.)	Tubing length (in.)	TMC
TMC K1	1.38	6.00	TMC050 0
TMC K2	1.63	6.00	TMC050 1; TMC075 0; TMC075 1
TMC K3	2.00	6.00	TMC075 2; TMC100-1
TMC K4	2.44	6.00	TMC100-2; TMC125-1
TMC K5	2.75	7.00	TMC125-2; TMC150-1
TMC K6	3.50	9.00	TMC150-2; TMC200-1



[B] Catalog numbers shown above are for aluminum; for stainless steel, add SS suffix, or for nickel-plated brass, add NP suffix to end of catalog number.
[C] When making your cable gland selection based on cable O.D., be sure to also observe the over conductors O.D. dimension and the armor O.D.

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