

# TMC3 Terminator

Cable gland for industrial, harsh & hazardous areas

ENGINEERED FOR



EXTREME CONDITIONS

## Primary applications

Ideal for terminating armored MC or TECK armored cable and non-armored tray cable in

- Harsh, corrosive or heavy industrial areas
- Hazardous areas such as, drilling rigs, refineries, petrochemical, grain and mining applications

## Features

- Multiple thread size options per sealing range eliminates need for adapters or reducers
- ½" to ¾" NPT sizes in small and medium cable ranges (*larger sizes up to 2" coming soon*)
- 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
- Eaton blue, anodized industrial grade nut (*aluminum version only*)
- Certification markings oriented for easy inspection when installed in the bottom of enclosures

## Cable types\*

### NEC certified for use with cable types:

- MC, MC-HL, TECK, TC, TC-ER, TC-ER-HL, ITC, ITC-ER, ITC-HL, PLTC and PLTC-ER

### CEC certified for use with cable types:

- TECK, ACIC, TC

\*Type TC-ER-HL cable is rated for 600 V nominal. Overall cable diameters are 25mm (1 inch) or less

## Materials

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

## Fast & easy installation

- 2-piece construction with lock nut and gasket for faster installation
- Increased size of wrenching surfaces on body and nut



## Designed for versatility

- Dual certified for armored (MC/TECK) and non-armored (tray) cables
- Available in copper-free aluminum, nickel-plated brass or 316 stainless steel

## Certifications & compliances

### NEC and CEC:

- cULus to UL514B, UL2225, CSA C22.2 No. 18.3, CSA C22.2 No. 60079-0, -7, -31
- ATEX/IECEx to EN/IEC 60079-0, -7, -31
- Listed for wet locations
- IP66, NEMA 4X
- May be permitted for use in Class I, Division 2 locations, provided there are no arcing and sparking risks in accordance with NEC501.10B
- Listed for Class II, Division 1, Groups E, F, G and Class III



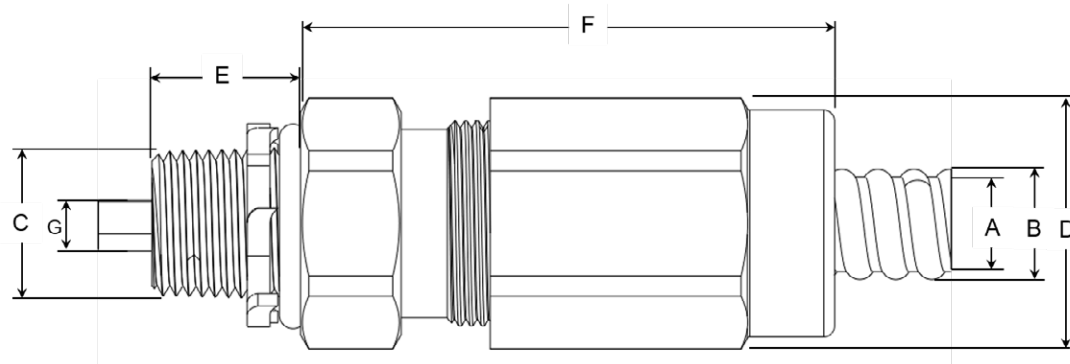
### ATEX and IECEx and other global certifications:

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



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# Ordering information



All dimensions in inches

| Entry thread NPT (C) | **Part #          | Over conductors O.D max (G)* |                | Armored MC & MC-HL cables |       |              |       | Armored TECK90 cables |       |                 |       | Un-armored TC & TC-ER-HL |       | Across corners (D) | Thread length (E) | Length (F) |
|----------------------|-------------------|------------------------------|----------------|---------------------------|-------|--------------|-------|-----------------------|-------|-----------------|-------|--------------------------|-------|--------------------|-------------------|------------|
|                      |                   | w/ armor stop                | w/o armor stop | Armor O.D. (A)            |       | Cable OD (B) |       | Armor O.D. (A)        |       | Cable O.D. (B)* |       | Cable O.D. (B)*          |       |                    |                   |            |
|                      |                   | Min.                         | Max.           | Min.                      | Max.  | Min.         | Max.  | Min.                  | Max.  | Min.            | Max.  | Min.                     | Max.  |                    |                   |            |
| 1/2"                 | <b>TMC3-050-0</b> | 0.350                        | 0.560          | 0.452                     | 0.660 | 0.550        | 0.780 | 0.512                 | 0.670 | 0.610           | 0.780 | 0.500                    | 0.660 | 1.38               | 0.75              | 2.55       |
| 1/2"                 | <b>TMC3-050-1</b> | 0.350                        | 0.560          | 0.579                     | 0.872 | 0.670        | 1.000 | 0.581                 | 0.880 | 0.670           | 1.000 | 0.640                    | 0.860 | 1.63               | 0.75              | 2.60       |
| 3/4"                 | <b>TMC3-075-0</b> | 0.510                        | 0.796          | 0.452                     | 0.660 | 0.550        | 0.780 | 0.512                 | 0.670 | 0.610           | 0.780 | 0.500                    | 0.660 | 1.38               | 0.78              | 2.55       |
| 3/4"                 | <b>TMC3-075-1</b> | 0.510                        | 0.796          | 0.579                     | 0.872 | 0.660        | 1.000 | 0.581                 | 0.880 | 0.670           | 1.000 | 0.640                    | 0.860 | 1.63               | 0.78              | 2.60       |

\*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.

\*\*Part numbers shown above are for aluminum, for stainless steel add "-SS" suffix, for nickel-plated brass add "-NP" suffix

## Accessories

### Myers grounding locknuts

| Part number    |  |
|----------------|--|
| <b>STAGN 1</b> | 1/2" aluminum Myers grounding locknut        |
| <b>STAGN 2</b> | 3/4" aluminum Myers grounding locknut        |
| <b>SSTGN 1</b> | 1/2" stainless steel Myers grounding locknut |
| <b>SSTGN 2</b> | 3/4" stainless steel Myers grounding locknut |



### TMC Cold Shrink kits

| Part number   | TMC3 O.D. | Tubing length | TMC  |
|---------------|-----------|---------------|--|
| <b>TMC K1</b> | 1.38      | 6.0           | TMC050 0<br>TMC050 1<br>TMC075 0<br>TMC075 1 |
| <b>TMC K2</b> | 1.63      | 6.0           |  |



All dimensions in inches.

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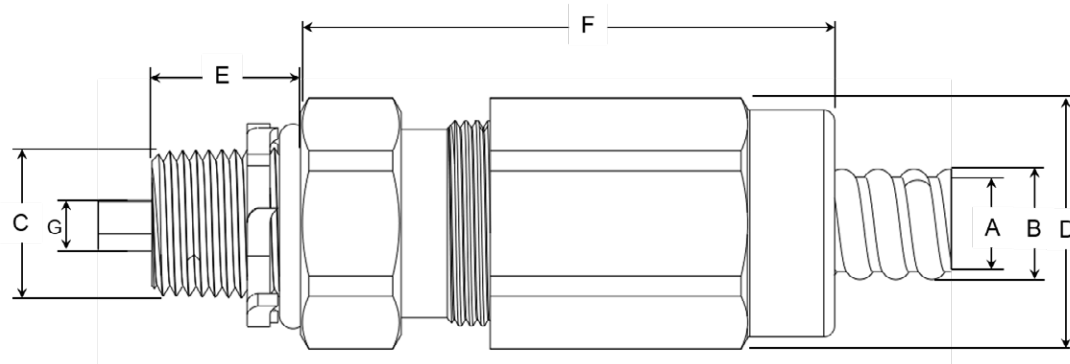
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|                      |                   | Min.                         | Max.           | Min.                      | Max.  | Min.         | Max.  | Min.                  | Max.  | Min.            | Max.  | Min.                     | Max.  |                    |                   |            |
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| 1/2"                 | <b>TMC3-050-1</b> | 0.350                        | 0.560          | 0.579                     | 0.872 | 0.670        | 1.000 | 0.581                 | 0.880 | 0.670           | 1.000 | 0.640                    | 0.860 | 1.63               | 0.75              | 2.60       |
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