

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



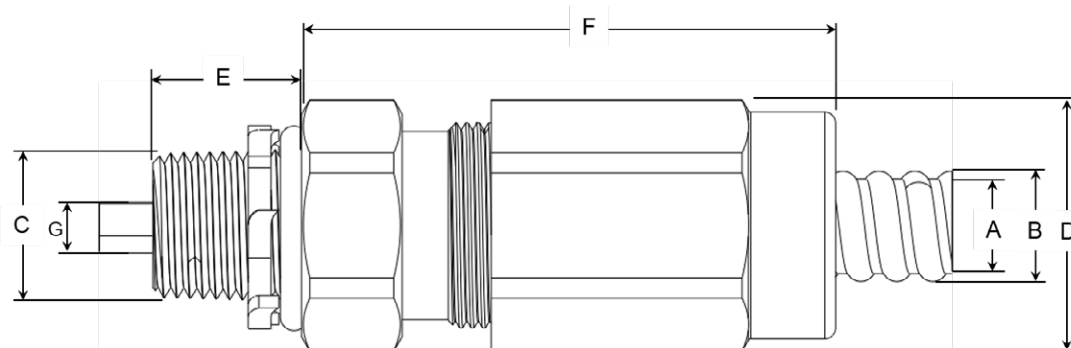
ATEX and IECEx and other global certifications:

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



Powering Business Worldwide

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. | | | |
| 1/2" | 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 | 1.38 | 0.75 | 2.55 |
| 1/2" | 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 | 1.63 | 0.75 | 2.60 |
| 3/4" | 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 | 1.38 | 0.78 | 2.55 |
| 3/4" | 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 | 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 | |
|----------------|--|
| STAGN 1 | 1/2" aluminum Myers grounding locknut |
| STAGN 2 | 3/4" aluminum Myers grounding locknut |
| SSTGN 1 | 1/2" stainless steel Myers grounding locknut |
| SSTGN 2 | 3/4" stainless steel Myers grounding locknut |



TMC Cold Shrink kits

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

All dimensions in inches.



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



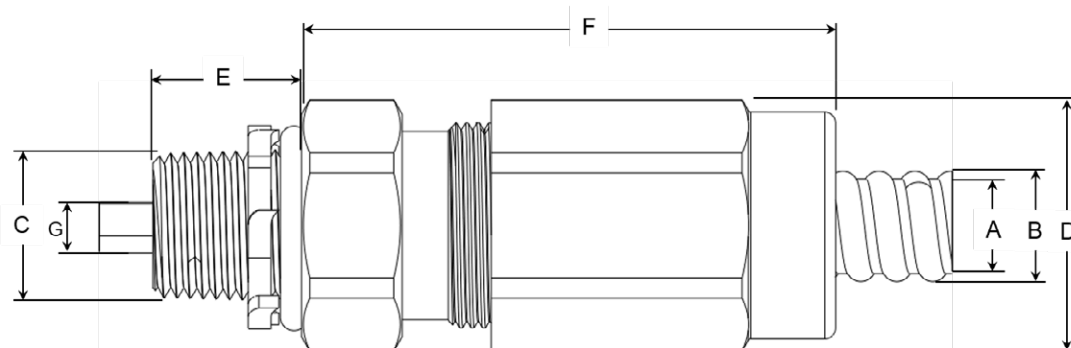
ATEX and IECEx and other global certifications:

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



Powering Business Worldwide

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. | | | |
| 1/2" | 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 | 1.38 | 0.75 | 2.55 |
| 1/2" | 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 | 1.63 | 0.75 | 2.60 |
| 3/4" | 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 | 1.38 | 0.78 | 2.55 |
| 3/4" | 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 | 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 | |
|----------------|--|
| STAGN 1 | 1/2" aluminum Myers grounding locknut |
| STAGN 2 | 3/4" aluminum Myers grounding locknut |
| SSTGN 1 | 1/2" stainless steel Myers grounding locknut |
| SSTGN 2 | 3/4" stainless steel Myers grounding locknut |



TMC Cold Shrink kits

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

All dimensions in inches.

