

NECTOR RANGE

TMCX CONNECTOR

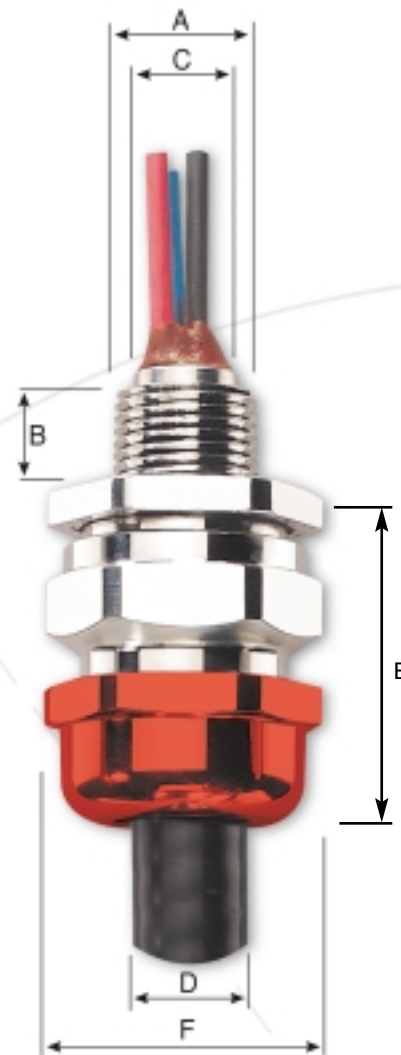
The CMP TMCX Connector range has been designed for the termination of continuous corrugated and interlocked cables in Hazardous Locations. In these conditions it is necessary to provide a complete gas block and explosion proof seal to the cable. This design provides an easy, fast and safe method of installation and has many notable features.

FEATURES AND BENEFITS

- Additional Integral Deluge proof seal for protection in extreme offshore and onshore environments
- Independent sealing and armor clamping
- True 360° grounding
- Superior pull out prevention
- Compact slim profile
- Reduced installation time
- Widest cable acceptance range
- Supplied complete with epoxy sealing compound
- Disconnectable design

TECHNICAL DATA

Type	TMCX
Classification	NEC Class 1 Div 1 & 2 Groups A, B, C, D Class II Div 1 & 2 Groups E, F, G Class III Div 1 & 2 - Class 1 Zone 1 AExd IIC CEC Class 1 Div 1 & 2 Groups A, B, C, D Class II Div 1 & 2 Groups E, F, G Class III Div 1 & 2 - Class 1 Zone 1 Exd IIC
Compliance Code	UL Standard 514B, 886, 2225, 2279 CSA Standard C22.2 No 18, 174 & IEC 60079
Certification/Listings	UL Listing File: E161256 • CSA Certificate No: 1129339
Enclosure Types	NEMA 3, 4, 4X & IP66
Connector Material	Copper Free Aluminium (<0.4%) Nickel Plated Brass, Stainless Steel.
Cable Type	MC/MCHL - Corrugated / Interlocked Aluminium / Steel Armor and Continuously Welded Armor Cables, e.g. TECK or CLX



(TMCX 050A Illustrated)

- 1) Connectors with NPT entry threads are suitable for both Divisions and Zones.
- 2) Connectors with Metric entry threads are suitable for ZONES only unless fitted with an approved NPT male adaptor in accordance with CEC requirements.

Order Reference			Entry Thread 'A'		Min Thread Length 'B'	Cable Armor Diameter 'C'				Cable Jacket Diameter 'D'		Nominal Assembly Length 'E'	Envelope Dia. 'F'	Compound Weight in OZ's	Shroud Ref.
Aluminium	NP Brass	S. Steel	NPT	Metric		End Stop in		End Stop out		Min	Max				
TMCX050SA	TMCX050SNB	TMCX050SSS	1/2"	M20	0.59	-	-	0.342	0.503	0.354	0.547	2.20	1.31	1/2	PVC06
TMCX050A	TMCX050NB	TMCX050SS	1/2"	M20	0.59	-	-	0.510	0.669	0.550	0.787	2.20	1.57	1/2	PVC09
TMCX075A	TMCX075NB	TMCX075SS	3/4"	M25	0.59	0.591	0.756	0.756	0.917	0.669	1.035	2.20	1.79	1/2	PVC10
TMCX100A	TMCX100NB	TMCX100SS	1"	M32	0.63	0.825	0.969	0.969	1.150	0.910	1.268	2.24	2.18	1-1/4	PVC13
TMCX125A	TMCX125NB	TMCX125SS	1 1/4"	M40	0.63	1.083	1.228	1.228	1.386	1.161	1.504	2.24	2.40	1-1/4	PVC16
TMCX150A	TMCX150NB	TMCX150SS	1 1/2"	M50	0.63	1.320	1.461	1.461	1.618	1.402	1.736	2.37	2.62	2	PVC18
TMCX200SA	TMCX200SNB	TMCX200SSS	2"	M50	0.63	1.508	1.677	1.677	1.854	1.579	2.008	2.60	3.06	3	PVC21
TMCX200A	TMCX200NB	TMCX200SS	2"	M63	0.63	1.772	1.933	1.933	2.087	1.858	2.205	2.81	3.28	4-3/4	PVC24
TMCX250SA	TMCX250SNB	TMCX250SSS	2 1/2"	M63	0.90	2.052	2.161	2.161	2.320	2.079	2.441	2.88	3.49	9-1/2	PVC25
TMCX250A	TMCX250NB	TMCX250SS	2 1/2"	M75	0.90	2.247	2.406	2.406	2.545	2.327	2.677	2.88	3.71	9-1/2	PVC27
TMCX300A	TMCX300NB	TMCX300SS	3"	M90	0.98	2.543	2.776	2.776	2.965	2.622	3.126	3.92	4.80	12-1/2	PVC32
TMCX350A	TMCX350NB	TMCX350SS	3 1/2"	M100	1.437	2.913	3.291	3.291	3.485	2.992	3.827	4.61	5.82	19	-
TMCX400A	TMCX400NB	TMCX400SS	4"	M110	1.437	-	-	3.500	4.020	3.700	4.220	7.66	5.84	19	-