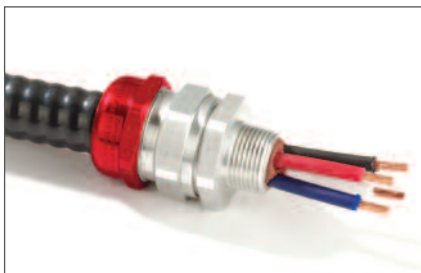


TMCX CABLE CONNECTOR



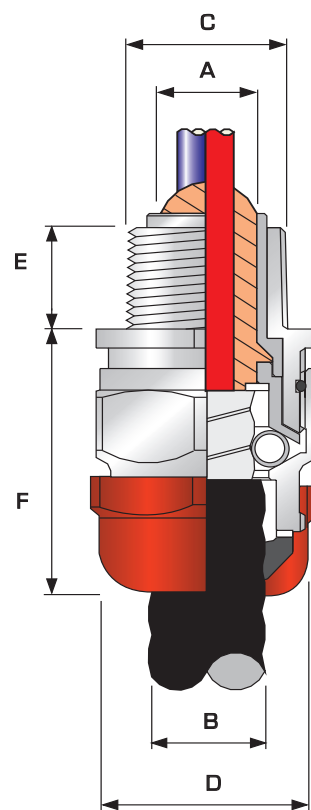
TMCX Hazardous Location Cable Connector

CMP Type TMCX Cable Connector suitable for use with Corrugated Interlocked & Continuously Welded Metal Clad (Type MC or MC-HL) or TECK armored and armored & jacketed cables in ordinary, wet & hazardous locations including Class I Division 1 & 2 installations. The cable connector provides mechanical retention and electrical continuity via the armor termination and an environmental seal on the cable outer jacket. In addition this UL listed cable connector also offers Class I Zone I, AEx d IIC certification. The re-usable compression spring feature providing both grounding and gripping functions to the cable armor, allows the cable to be easily disconnected from the equipment, for maintenance and change out etc.

The TMCX cable connector offers Nema 4X and IP68 ingress protection and is supplied in Copper Free Aluminum, Stainless Steel, or Electroless Nickel Plated Brass. The TMCX is available in NPT (standard) and Metric thread forms, and is also IEC Ex Certified Ex d IIC & Ex e II, offering a single solution that can be employed in accordance with both NEC and IEC codes of installation.

TECHNICAL DATA

Type	TMCX
Design Specification	UL 514B, UL 886, UL 2225, UL 2279
CSA Approval Certificate Number	1129339
Code of Protection Category	Class I Div 1 & 2 Groups ABCD, Class II Div 1 & 2 Groups EFG, Class III Div 1 & 2, Class I Zone 1 Ex d IIC, Enclosure Type 3, 4 and 4X
Compliance Standards	CAN/CSA-C22.2 Number 18-92, CSA C22.2 Number 25-1966, CSA C22.2 Number 174-M1984, CAN/CSA-C22.2 Number 94-M91, CAN/CSA-E60079-0-2001, IEC 60079-0 1998, CAN/CSA E79-1-95, CAN/CSA-E79-7-95
UL Listing File Number	CYMX7.E161256, CYMJ.E256366
Code of Protection Category	Class I Div 1 & 2 Groups ABCD, Class II Div 1 & 2 Groups EFG, Class III Div 1 & 2, Class I Zone 1 AEx d IIC, Ordinary & Wet Locations
Compliance Standards	UL 514B, UL 886, UL 2225, UL 2227, ANSI/UL 60079-0, ANSI/UL 60079-1
GOST R Certificate Number	POCC GB. ГБ05.В01912
Code of Protection Category	Ex d IIC U / Ex e II U
Compliance Standards	ГОСТ Р 52350.0-2005, ГОСТ Р 52350.1-2005, ГОСТ Р 52350.7-2005
GGTN Permit Number	PPC 00-18262
GOST K Certificate Number	KZ7500052.05.01.00063
RoK Permit for Use Number	08-067693
Lloyds Approval Number	01/00172
DNV Approval Number	E-6157
ABS Approval Number	01-LD 234401-PDA
Continuous Operating Temperature	-60°C to +130°C
Ingress Protection Rating	IP66
NEMA Rating	NEMA 4X
Standard Cable Connector Material	Copper Free Aluminum (<0.4%)
Alternative Cable Connector Material	Electroless Nickel Plated Brass, Stainless Steel
Seal Material	CMP SOLO LSF Thermoplastic Elastomer / Epoxy Resin Barrier Compound
Cable Type	Corrugated & Interlocked Metal Clad Armor (MC) or TECK, Continuously Welded Metal Clad Armor (MCHL)
Armour Clamping	Earth Continuity in Contact With Metal Clad Armour
Sealing Technique	CMP Displacement Seal
Sealing Area(s)	Inner Compound Barrier & Cable Outer Jacket
Optional Accessories	Locknut, Shroud, Entry Thread Seal, Serrated Washer, Earth Tag, Adaptor/Reducer



Cable Connector Selection Table



Order Reference			Entry Thread 'C'		Min Thread Length 'E'	Cable Armor Diameter 'A'				Cable Jacket Diameter 'B'		Nominal Assembly Length 'F'	Envelope Dia. 'D'		Compound Weight in ounces	Shroud Reference*
Aluminum	NP Brass	S. Steel	NPT	Metric		End Stop In		End Stop Out		Min	Max		A/F	A/C		
TMCX050SA	TMCX050SNB	TMCX050SSS	1/2"	M20	0.59	-	-	0.342	0.503	0.354	0.550	2.20	1.18	1.31	1/2	PVC06
TMCX050A	TMCX050NB	TMCX050SS	1/2"	M20	0.59	-	-	0.437	0.669	0.550	0.787	2.20	1.42	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	1.61	1.79	1/2	PVC10
TMCX100A	TMCX100NB	TMCX100SS	1"	M32	0.63	0.775	0.969	0.969	1.150	0.910	1.268	2.24	1.96	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	2.16	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	2.36	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	2.78	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	2.96	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	3.14	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	3.35	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	4.33	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	3.830	4.61	5.25	5.82	19	-
TMCX400A	TMCX400NB	TMCX400SS	4"	M110	1.437	-	-	3.500	4.020	3.700	4.220	7.66	5.25	5.84	19	-

All dimensions in inches

Note: *LSF Shrouds also available on request. Marine approvals including Lloyds, DNV & ABS are also available from CMP Products.