TMC2X RAPID Ex

GLOBALLY APPROVED, HAZARDOUS (CLASSIFIED) LOCATION BARRIER CABLE GLAND

FOR MC, MC-HL, INTERLOCKED & TECK ARMORED CABLES

- RapidEx liquid pour sealing system reduces installation time
- Simplified two part design
- Compact slim profile
- Independent sealing and armor clamping
- Simple, sequential installation process
- Low impedance copper plated stainless steel 360° grounding spring
- Disconnectable, union design feature
- -60°C to +85°C (-76˚F to +185˚F)
- Globally marked, cCSAus, cULus, IECEx and ATEX



IP66 NEMA 4X

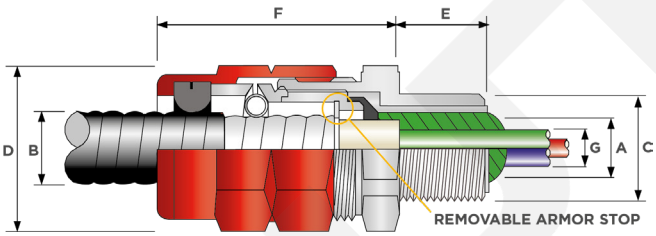
EMC +85˚C / -60˚C

AEx d Ex d | AEx e Ex e | AEx t Ex t

SUPPLIED IN PACK WITH RAPIDEX RESIN

TECHNICAL CLASSIFICATION	
DESIGN SPECIFICATION	BS 6121:Part 1:1989, IEC 62444, EN 62444
MECHANICAL CLASSIFICATION*	Impact = Level 8, Cable Anchorage = Class D
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
INGRESS PROTECTION RATING**	IP66
NEMA RATING**	NEMA 4X
CABLE TYPE	Corrugated & Interlocked Metal Clad Armor (MC) or TECK90, Continuously Welded Metal Clad Armor (MC-HL), ACIC-HL, ACWU90-HL, RC90-HL, RA90-HL
ARMOR CLAMPING	Low Impedance Copper Plated Stainless Steel 360° Grounding Spring
JACKET SEALING TECHNIQUE	CMP Load Retention Seal
SEALING AREA(S)	RapidEx Liquid Resin, Cable Outer Jacket
CABLE GLAND MATERIAL	Copper Free (<0.4%) Aluminum, Stainless Steel, Electroless Nickel Plated Brass

*Mechanical and Electrical Classifications applied as per IEC 62444 & EN 62444
** When CMP installation accessories are used. Refer to www.cmp-products.com for further information.



GLOBAL PRODUCT CERTIFICATION			
ATEX CERTIFICATE	CML18ATEX1336X	IECEx CERTIFICATE	IECEx CML 18.0193X
CODE OF PROTECTION	Ⓔx II 2G 1D, Ex db IIC, Ex eb IIC Gb, Ex ta IIIC Da	CODE OF PROTECTION	Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da
COMPLIANCE STANDARDS	EN 60079-0,1,7,31	COMPLIANCE STANDARDS	IEC 60079-0,1,7,31
cCSAus CERTIFICATE	2194053		
CSAus CODE OF PROTECTION	Class I, Div 1 and 2, Groups A,B,C, and D; Class II, Div 1 and 2, Groups E, F, and G; Class III, Div 1 and 2; Encl. Type 4X; Ex d IIC; Ex e II; Class I, Zone 1, AEx d IIC; AEx e II; AEx ta IIIC		
cCSA CODE OF PROTECTION	Class I, Div 1 and 2, Groups A, B, C, and D; Class II, Div 1 and 2, Groups E, F, and G; Class III, Div 1 and 2; Encl. Type 4X; Ex d IIC; Ex e II; Class I, Zone 1, AEx d IIC; AEx e II; AEx ta IIIC		
COMPLIANCE STANDARDS	CAN/CSA-C22.2 No 0-M91,18-04, 25-1966,30-M1986,174-M1984,94-M91, CAN/CSA-60079-0,1,7, CAN/CSA-E61241-1-1, ANSI/UL 514B, ANSI/UL 50, ANSI/UL 2225		
cULus CERTIFICATE (075-162)	E161256		
CODE OF PROTECTION	Class I, Div 1 and 2, Groups A, B, C, and D; Class II, Div 1 and 2, Groups E, F, and G; Class III, Div 1 and 2		
COMPLIANCE STANDARDS	UL2225, UL514B, CSA C22.2 No. 174-18, 18.3-12		
ECAS CERTIFICATE	20-02-06423	UkrSEPRO CERTIFICATE	СЦ 19.0371X
EAC CERTIFICATE	TC RU C-GB.AA87.B.00487		
CODE OF PROTECTION	1Ex d IIC Gb X, 1Ex e IIC Gb X, Ex ta IIIC Da X, IP66		
RETIE APPROVAL NUMBER	03866	CCOE/PESO (INDIA) CERTIFICATE	P444949
MARINE APPROVALS	LRS: 01/00172, DNV: TAE000000Y, ABS: 20-2022051-PDA, BV: 43180 A1 BV		

PATENT GRANTED: ES2287986, NO 2287986, TR 2287986, AU 2010284848, AU 2014274614, GB 2485114, SG 178839, US 8872027, US 9484133, US 9774178, MY 153843, US 10193321, US 1034078

ORDER REFERENCE (NPT WITH RAPIDEX RESIN)			ENTRY THREAD 'C'		MINIMUM THREAD LENGTH 'E'	CABLE ARMOR DIAMETER 'A'				CABLE JACKET DIAMETER 'B'		MAX OVER CONDUCTORS 'G'	ACROSS FLATS 'D'	ACROSS CORNERS 'D'	NOMINAL ASSEMBLY LENGTH 'F'	SHROUD	APPROX WEIGHT ALUMINUM (oz)
						ARMOR STOP IN		ARMOR STOP OUT									
ALUMINUM	NICKEL PLATED BRASS	STAINLESS STEEL	NPT	NPT OPTION		MIN	MAX	MIN	MAX	MIN	MAX		MAX	MAX			
TMC2X-050A075X	TMC2X-050NB075X	TMC2X-050SS075X	½"	-	0.78	0.42	0.55	0.55	0.63	0.500	0.750	0.51	1.20	1.32	2.44	PVC06	2.29
TMC2X-075A075X	TMC2X-075NB075X	TMC2X-075SS075X	-	¾"	0.80	0.42	0.55	0.55	0.63			0.51				PVC09	
TMC2X-050A099X	TMC2X-050NB099X	TMC2X-050SS099X	½"	-	0.78	0.60	0.65	0.65	0.89	0.690	0.990	0.51	1.48	1.63	2.96	PVC09	3.00
TMC2X-075A099X	TMC2X-075NB099X	TMC2X-075SS099X	-	¾"	0.80	0.60	0.78	0.78	0.89			0.71					
TMC2X-075A118X	TMC2X-075NB118X	TMC2X-075SS118X	¾"	-	0.80	0.79	0.86	0.86	1.10	0.870	1.180	0.71	1.81	1.99	3.15	PVC11	5.11
TMC2X-100A118X	TMC2X-100NB118X	TMC2X-100SS118X	-	1"	0.98	0.79	0.98	0.98	1.10			0.94					
TMC2X-100A137X	TMC2X-100NB137X	TMC2X-100SS137X	1"	-	0.98	0.94	1.08	1.08	1.28	1.020	1.370	0.94	2.05	2.26	3.55	PVC15	6.70
TMC2X-125A137X	TMC2X-125NB137X	TMC2X-125SS137X	-	1 ¼"	1.01	0.94	1.18	1.18	1.28			1.20					
TMC2X-125A162X	TMC2X-125NB162X	TMC2X-125SS162X	1 ¼"	-	1.01	1.22	1.35	1.35	1.50	1.300	1.620	1.20	2.36	2.60	3.59	PVC18	8.82
TMC2X-150A162X	TMC2X-150NB162X	TMC2X-150SS162X	-	1 ½"	1.03	1.22	1.42	1.42	1.50			1.46					
TMC2X-125A190X	TMC2X-125NB190X	TMC2X-125SS190X	1 ¼"	-	1.01	-	-	1.51	1.72	1.570	1.900	1.20	2.56	2.82	3.59	PVC37	9.45
TMC2X-150A190X	TMC2X-150NB190X	TMC2X-150SS190X	-	1 ½"	1.03	-	-	1.51	1.72			1.46					
TMC2X-150A200X	TMC2X-150NB200X	TMC2X-150SS200X	1 ½"	-	1.03	1.57	1.70	1.70	1.88	1.650	2.000	1.46	2.75	3.03	3.76	PVC21	11.06
TMC2X-200A200X	TMC2X-200NB200X	TMC2X-200SS200X	-	2"	1.06	1.57	1.70	1.70	1.88			1.63					
TMC2X-150A233X	TMC2X-150NB233X	TMC2X-150SS233X	-	1 ½"	1.03	-	-	1.81	2.21	1.910	2.330	1.46	2.95	3.25	3.97	PVC23	12.77
TMC2X-200A233X	TMC2X-200NB233X	TMC2X-200SS233X	2"	-	1.06	-	-	1.81	2.21			1.90					
TMC2X-250A233X	TMC2X-250NB233X	TMC2X-250SS233X	-	2 ½"	1.57	-	-	1.81	2.21			2.13	3.54	3.89		PVC28	
TMC2X-200A272X	TMC2X-200NB272X	TMC2X-200SS272X	-	2"	1.06	2.14	2.46	2.17	2.61	2.270	2.720	1.90	3.54	3.89	4.10	PVC28	24.69
TMC2X-250A272X	TMC2X-250NB272X	TMC2X-250SS272X	2 ½"	-	1.57	2.14	2.46	2.46	2.61			2.13					
TMC2X-300A272X	TMC2X-300NB272X	TMC2X-300SS272X	-	3"	1.63	2.14	2.46	2.46	2.61			2.55	4.33	4.76		PVC31	
TMC2X-300A325X	TMC2X-300NB325X	TMC2X-300SS325X	3"	-	1.63	2.49	2.78	2.78	2.97	2.620	3.250	2.98	4.33	4.76	4.67	PVC31	42.68
TMC2X-350A325X	TMC2X-350NB325X	TMC2X-350SS325X	-	3 ½"	1.69	2.49	2.78	2.78	2.97			2.98					
TMC2X-350A376X	TMC2X-350NB376X	TMC2X-350SS376X	3 ½"	-	1.69	2.95	3.45	3.45	3.54	3.160	3.760	3.38	4.84	5.32	4.95	LSF33	53.44
TMC2X-400A376X	TMC2X-400NB376X	TMC2X-400SS376X	-	4"	1.73	2.95	3.45	3.45	3.54			3.38					
TMC2X-400A425X	TMC2X-400NB425X	TMC2X-400SS425X	4"	-	1.73	-	-	3.56	3.94	3.700	4.250	3.38	5.23	5.75	5.16	LSF34	59.19

Order code example: TMC2X-050A075 - "TMC2X" (Gland Type) - "050" (½" NPT Thread) - 'A' (Material Aluminum) - "075" (Max Cable Diameter 0.75")

TMC2X*075-162 cULus Listed

Dimensions are displayed in inches unless otherwise stated