



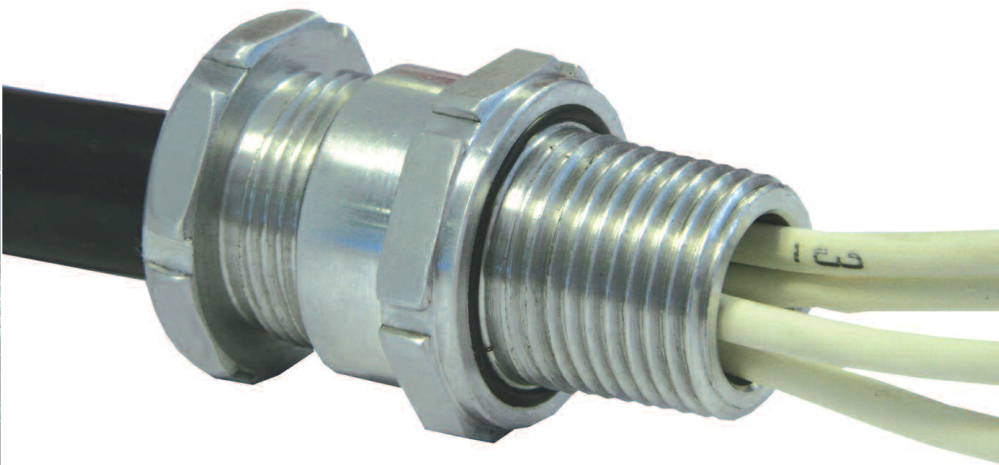
CMP PRODUCTS



TC

CABLE CONNECTORS

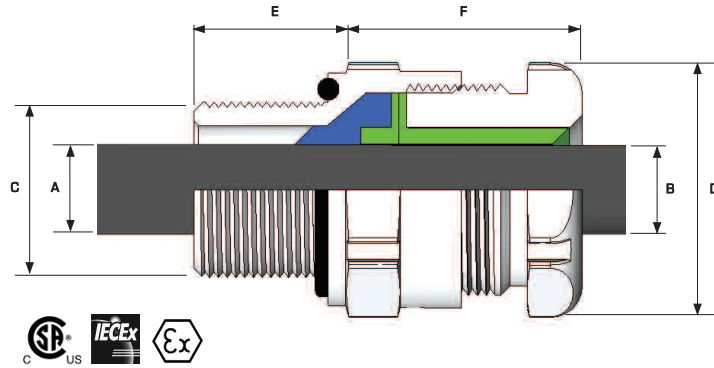
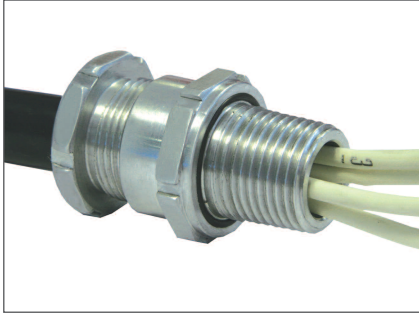
TRAY CABLE



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TC HAZARDOUS AREA CABLE CONNECTOR

TC CABLE GLAND



TECHNICAL DATA

Design Specification	BS 6121:Part 1:1989, UL514B, UL2225, CSA 22.2
ATEX Certification / Code of Protection Category	SIRA09ATEX1092X ATEX (Ex) II 2 GD, Ex d IIC Gb, Ex e IIC Gb, Ex ta IIIC Da
IECEx Approval Number / Code of Protection Category	IECEx SIR 09.0042X Exd IIC Gb, Exe IIC Gb, Exta IIIC Da
CSA-US Approval Certificate Number	CSA.09.2220601X
Code Of Protection Category	Enclosure Type 4X, Class I Div 2, ABCD, Class II Div 2 EFG, Class III: Class 1 Zone 2, IIC, IIB, IIA, Class 1 AExe II/ Exe II
Continuous Operating Temperature	-60°C to +110°C
Ingress Protection Rating	Nema 4X and IP66/67/68
Cable Type	Tray Cable
Jacket Sealing Technique	CMP Displacement Seal
Sealing Area	Cable Outer Jacket
Optional Accessories	Adaptor/Reducer, Earth Tag

CMP Type TC Cable Connector is suitable for use with type (TC) tray cable in ordinary, wet, and hazardous locations including:

- Class I Division 2, where permitted by code
- Class 1 Zone 1 AEx e and Ex e, where permitted by code
- Ingress Protection to Nema 4X and IP66/67/68

The unique use of the seal insert, enables each gland size to terminate the widest range available in a single hub size.

The TC cable connector is supplied in Copper free (<0.4%), Aluminium, Stainless Steel, or Electroless Nickel Plated Brass in NPT (standard) and Metric thread forms.

Order Code Example: TC-050A028

"TC" (Type Gland) - "050" (1/2" NPT Thread) - "A" (Material Aluminum) - "028" (Max Cable Diameter 0.28")

Cable Connector Selection Table - NPT Threads

Order Reference			Entry Thread "C"		Min Thread Length "E"	Cable Range "A"		Cable Range "A"		Across Flats "D"	Across Corners "D"	Nominal Assembly Length "F"	Approx Weight Aluminum (Ozs)
Aluminium	NP Brass	S. Steel	NPT	NPT Option		(Insert)		(No Insert)					
						Min	Max	Min	Max				
TC-050A028	TC-050NB028	TC-050SS028	1/2"	-	0.78	0.13	0.28	-	-	1.20	1.30	0.79	1.94
TC-075A028	TC-075NB028	TC-075SS028	-	3/4"	0.80								
TC-050A055	TC-050NB055	TC-050SS055	1/2"	-	0.78	0.26	0.41	0.41	0.55	1.20	1.30	0.79	1.69
TC-075A055	TC-075NB055	TC-075SS055	-	3/4"	0.80								
TC-075A079	TC-075NB079	TC-075SS079	3/4"	-	0.80	0.47	0.61	0.61	0.79	1.48	1.60	0.98	3.17
TC-100A079	TC-100NB079	TC-100SS079	-	1"	0.98								
TC-100A104	TC-100NB104	TC-100SS104	1"	-	0.98	0.67	0.85	0.85	1.04	1.81	1.95	0.98	3.88
TC-125A104	TC-125NB104	TC-125SS104	-	1-1/4"	1.00								
TC-125A127	TC-125NB127	TC-125SS127	1-1/4"	-	1.00	0.92	1.10	1.10	1.27	2.05	2.21	1.18	4.94
TC-150A127	TC-150NB127	TC-150SS127	-	1-1/2"	1.03								
TC-150A150	TC-150NB150	TC-150SS150	1-1/2"	-	1.03	1.22	1.37	1.37	1.50	2.36	2.55	1.26	6.00
TC-200A150	TC-200NB150	TC-200SS150	-	2"	1.06								
TC-200A174	TC-200NB174	TC-200SS174	2"	-	1.06	-	-	1.40	1.74	2.95	3.19	1.26	8.64
TC-250A174	TC-250NB174	TC-250SS174	-	2-1/2"	1.57								
TC-200A197	TC-200NB197	TC-200SS197	2"	-	1.06	-	-	1.63	1.97	2.95	3.19	1.65	8.29
TC-250A197	TC-250NB197	TC-250SS197	-	2-1/2"	1.57								
TC-250A220	TC-250NB220	TC-250SS220	2-1/2"	-	1.57	-	-	1.86	2.20	3.54	3.82	1.65	13.58
TC-300A220	TC-300NB220	TC-300SS220	-	3"	1.63								
TC-250A244	TC-250NB244	TC-250SS244	2-1/2"	-	1.57	-	-	2.13	2.44	3.54	3.82	1.69	13.58
TC-300A244	TC-300NB244	TC-300SS244	-	3"	1.63								
TC-300A268	TC-300NB268	TC-300SS268	3"	-	1.63	-	-	2.40	2.68	4.33	4.68	1.69	23.63
TC-350A268	TC-350NB268	TC-350SS268	-	3-1/2"	1.68								
TC-350A315	TC-350NB315	TC-350SS315	3-1/2"	-	1.68	-	-	2.62	3.15	4.84	5.23	2.28	34.22
TC-400A315	TC-400NB315	TC-400SS315	-	4"	1.73								
TC-400A354	TC-400NB354	TC-400SS354	4"	-	1.73	-	-	2.99	3.54	5.25	5.67	2.28	38.80

All dimensions in inches