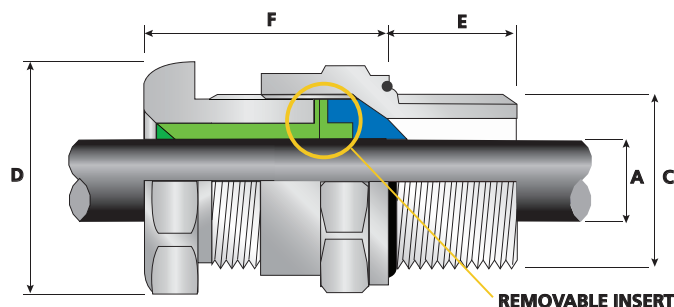




TC

Ex e

Ex d

Ex ta

TC Globally Approved, Hazardous (Classified) Location Cable Gland

For all types of Unarmoured Tray Cables, Flexible Cables & Cord

- Aluminium, nickel plated or stainless steel design
- Increased cable range with removable insert
- Optional thread sizes
- 76°F to 230°F
- Class I Zone 1, 21 AEx e and Zone 2, 22 Class I Division 2 ABCD
- CEC Class I Zone 1 Ex e & Class I Division 2 ABCD
- Globally marked, cCSAus, IECEx & ATEX
- Heavy duty design
- Entry thread seal as standard



TECHNICAL DATA

Design Specification	BS 6121:Part 1:1989, IEC 62444, EN 62444
Mechanical Classifications*	Impact = Level 8, Retention = Class D
ATEX Certificate	SIRA09ATEX1092X
Code of Protection	Ⓔ II 2 GD, Ex d IIC Gb, Ex e IIC Gb, Ex ta IIIC Da
Compliance Standards	EN 60079-0,1,7, EN 61241-0,1
IECEx Certificate	IECEx SIR 09.0042X
Code of Protection	Ex d IIC Gb, Ex e IIC Gb, Ex ta IIIC Da
Compliance Standards	IEC 60079-0,1,7 IEC 61241-1
cCSAus Certificate	2220601
Code of Protection	Class I, Div. 2, Groups A, B, C and D; Class II, Div. 2, Groups E, F, and G; Class III, Div. 2; Encl. Type 4X. Ex e; Class I, Zone 1, Ex e:
Compliance Standards	CAN/CSA-C22.2 Various Sections (See Certificate) CAN/CSA-E60079-0,7, CAN/CSA-E61241-1, ANSI/UL 514B Ed 5, ANSI/UL 50Ed 11, ANSI/UL 60079-0,7
EAC Certificate (Formerly GOST R, K & B)	TC RU C-GB.ГБ05.B.00138
RETIE Approval Number	03866
Marine Approvals	LRS: 01/00172 (E3) DNV: E-13848 ABS: 10-HS63028-PDA
Ingress Protection Rating	IP66, IP67 & IP68**
NEMA Rating	NEMA 4X**
Cable Gland Material	Copper Free (<0.4%) Aluminium, Nickel Plated Brass, Stainless Steel
Cable Type	Tray Cable & Cords, Unarmoured / Braid (IEC)
Sealing Technique	CMP Displacement Seal with Removable Insert
Sealing Area(s)	Cable Outer Jacket

Note: * Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444

Note: ** Refer to page 7 or www.cmp-products.com for further information on Ingress Protection Ratings

Cable Gland Selection Table

Refer to illustration at the top of the page

Order Reference (NPT)			Entry Thread "C"		Minimum Thread Length "E"	Cable Range "A"		Cable Range "A"		Across Flats "D"	Across Corners "D"	Nominal Assembly Length "F"	Shroud	Approx Weight Aluminium (Ozs)
						Insert		No Insert						
Aluminium	Nickel Plated Brass	Stainless Steel	NPT	NPT Option		Min	Max	Min	Max	Max	Max			
TC-050A0281RA131	TC-050NB0281RA531	TC-050SS0281RA431	1/2"	-	0.78					1.201	1.321	1.200		1.94
TC-075A0281RA132	TC-075NB0281RA532	TC-075SS0281RA432	-	3/4"	0.80	0.126	0.276	-	-	1.476	1.594	1.240	PVC05	1.69
TC-050A0551RA131	TC-050NB0551RA531	TC-050SS0551RA431	1/2"	-	0.78					1.201	1.323	1.200		1.94
TC-075A0551RA132	TC-075NB0551RA532	TC-075SS0551RA432	-	3/4"	0.80	0.256	0.406	0.406	0.551	1.476	1.626	1.240	PVC06	1.69
TC-075A0791RA132	TC-075NB0791RA532	TC-075SS0791RA432	3/4"	-	0.80					1.476	1.626	1.240		1.69
TC-100A0791RA133	TC-100NB0791RA533	TC-100SS0791RA433	-	1"	0.98	0.437	0.610	0.610	0.787	1.811	1.957	1.650	PVC09	3.17
TC-100A1041RA133	TC-100NB1041RA533	TC-100SS1041RA433	1"	-	0.98					1.811	1.992			
TC-125A1041RA134	TC-125NB1041RA534	TC-125SS1041RA434	-	1-1/4"	1.01	0.669	0.854	0.854	1.035	2.047	2.213	1.650	PVC11	3.88
TC-125A1271RA134	TC-125NB1271RA534	TC-125SS1271RA434	1-1/4"	-	1.01					2.047	2.252			
TC-150A1271RA135	TC-150NB1271RA535	TC-150SS1271RA435	-	1-1/2"	1.03	0.925	1.098	1.098	1.268	2.362	2.551	1.650	PVC13	4.94
TC-150A1501RA135	TC-150NB1501RA535	TC-150SS1501RA435	1-1/2"	-	1.03					2.362	2.598			
TC-200A1501RA136	TC-200NB1501RA536	TC-200SS1501RA436	-	2"	1.06	1.220	1.366	1.366	1.504	2.953	3.189	1.650	PVC21	6.00
TC-200A1741RA136	TC-200NB1741RA536	TC-200SS1741RA436	2"	-	1.06					2.756	2.976			
TC-250A1741RA137	TC-250NB1741RA537	TC-250SS1741RA437	-	2-1/2"	1.57	-	-	1.402	1.736	3.543	3.827	1.630	PVC21	8.64
TC-200A1971RA136	TC-200NB1971RA536	TC-200SS1971RA436	2"	-	1.06					2.756	2.031			
TC-250A1971RA137	TC-250NB1971RA537	TC-250SS1971RA437	-	2-1/2"	1.57			1.634	1.972	3.543	3.827	1.740	PVC28	8.29
TC-250A2201RA137	TC-250NB2201RA537	TC-250SS2201RA437	2-1/2"	-	1.57					3.543	3.827			
TC-300A2201RA138	TC-300NB2201RA538	TC-300SS2201RA438	-	3"	1.63			1.858	2.205	4.331	4.677	1.740	PVC28	13.58
TC-250A2441RA137	TC-250NB2441RA537	TC-250SS2441RA437	2-1/2"	-	1.57					3.543	3.898			
TC-300A2441RA138	TC-300NB2441RA538	TC-300SS2441RA438	-	3"	1.63			2.126	2.441	4.331	4.677	1.790	PVC31	13.58
TC-300A2681RA138	TC-300NB2681RA538	TC-300SS2681RA438	3"	-	1.63					4.331	4.677			
TC-350A2681RA139	TC-350NB2681RA539	TC-350SS2681RA439	-	3-1/2"	1.69	-	-	2.406	2.677	4.843	5.228	1.790	PVC31	23.63
TC-350A3151RA139	TC-350NB3151RA539	TC-350SS3151RA439	3-1/2"	-	1.69					4.843	5.228			
TC-400A3151RA1310	TC-400NB3151RA5310	TC-400SS3151RA4310	-	4"	1.73			2.622	3.150	5.252	5.669	2.500	LSF33	34.22
TC-400A3541RA1310	TC-400NB3541RA5310	TC-400SS3541RA4310	4"	-	1.73			2.992	3.543	5.252	5.669	2.360	LSF34	38.80

Note: Order Code Example: TC-050A0281RA131 - "TC" (Type Gland) - "050" (1/2" NPT Thread) - "A" (Material Aluminium) - "028"(Max Cable Diameter 0.28")

Dimensions are displayed in inches unless otherwise stated