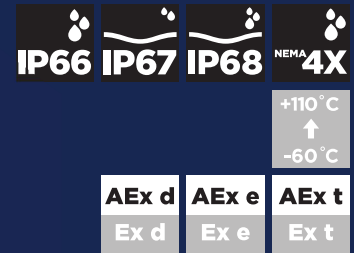
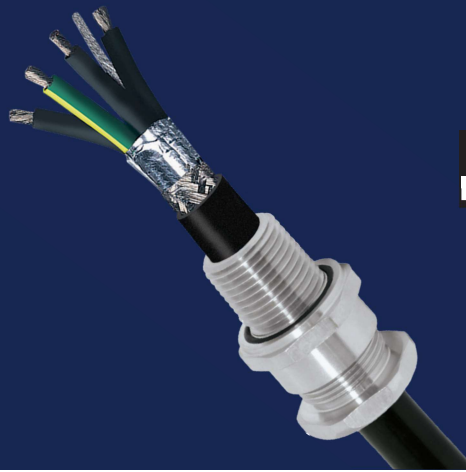


BELDEN

BTC VFD Cable Gland

TC Globally Approved,
Hazardous (Classified) Location Cable Gland



SALES SHEET



Americas Hazardous Location Cable Glands for VFD Cable

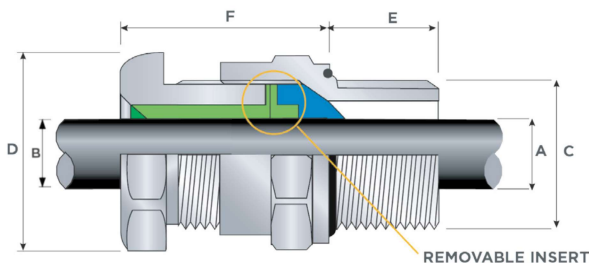
For All Types Of Unarmored Tray Cables, Flexible Cables & Cord

- Increased cable range with removable insert
- -60°C to +110°C (-76°F to +230°F)
- Globally marked, cCSAus, IECEx and ATEX
- Pass-through design for shield/ground isolation
- Suitable for shielded or unshielded cables
- Entry thread seal as standard
- Heavy duty design
- Aluminum design

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, IP67 & IP68***
Nema rating**	NEMA 4X
Cable gland material	Copper Free (<0.4%) Aluminum
Cable type	Tray Cable & Cords, Unarmored / Braid (IEC)s
Sealing technique	Displacement Seal with Removable Insert
Sealing area(s)	Cable Outer Jacket

* Mechanical and Electrical Classifications applied as per IEC 62444 & EN 62444.
*** IP68 tested to a minimum depth of 30 metres for 12 hours, alternative depths / durations can be provided upon request



Global Product Certification

ATEX CERTIFICATE	CML18ATEX1334X	IECEx CERTIFICATE	IECEx CML 18.0191X
CODE OF PROTECTION	II 2G ID, Ex db IIC Gb, 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	2220601		
CSAus CODE OF PROTECTION	Class II, Div. 2, Groups E,F, and G; Class III, Div. 2; Encl. Type 4X; Ex e; Class I, Zone 1, AEx e		
cCSA 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, AEx e, Ex e		
COMPLIANCE STANDARDS	CAN/CSA-C22.2 No 0-M91,18.3-04,174-MI984, 94-M91, CAN/CSA-E60079-0,7, CAN/CSA-E61241-1, ANSI/UL 514B, ANSI/UL 50, ANSI/UL 60079-0,7		
ECAS CERTIFICATE	20-02-05627	UkrSEPRO CERTIFICATE	CLJ 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	3866		
MARINE APPROVALS	LRS: 01/00172, DNV: TAE000000Y, ABS: 20-2022051-PDA, BV: 43180 A1 BV		



PATENT GRANTED: US 8440919

PART Number	ENTRY THREAD NPT	MIN THREAD LENGTH	Cable Range				Across Flats	Across Corners	Length	Weight
			Insert		No Insert					
			Min	Max	Min	Max				
BTC075A0551RA	3/4"	0.80"	0.26"	0.41"	0.41"	0.55"	1.48"	1.63"	1.24"	1.69
BTC075A0791RA	3/4"	0.80"	0.44"	0.61"	0.61"	0.79"				
BTC100A0791RA	1"	0.98"	0.44"	0.61"	0.61"	0.79"				
BTC100A1041RA	1"	0.98"	0.67"	0.85"	0.85"	1.04"	1.81"	1.99"	1.65"	3.17
BTC125A1041RA	1 1/4"	1.01"	0.67"	0.85"	0.85"	1.04"	2.05"	2.25"	1.65"	3.88
BTC125A1271RA	1 1/4"	1.01"	0.93"	1.1"	1.10"	1.27"				
BTC150A1501RA	1 1/2"	1.03"	1.22"	1.37"	1.37"	1.5"				
BTC200A1741RA	2"	1.06"	-	-	1.40"	1.74"	2.76"	3.03"	1.63"	8.64
BTC200A1971RA	2"	1.06"	-	-	1.63"	1.97"	2.76"	3.03"	1.74"	8.29
BTC250A2201RA	2 1/2"	1.57"	-	-	1.86"	2.20"	3.54"	3.90"	1.74"	13.58
BTC300A2201RA	3"	1.63"	-	-	1.86"	2.20"	4.33"	4.77"	1.79"	13.58
BTC300A2681RA	3"	1.63"	-	-	2.41"	2.68"	4.33"	4.77"	1.79"	23.63

Order code example: TC-050A028 - "TC" (Type Gland) - "050" (1/2" NPT Thread) - 'A' (Material Aluminum) - "028"(Max Cable Diameter 0.28")
Dimensions are displayed in inches unless otherwise stated

BELDEN

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