

## TRUSEAL TSze EMC Ex eb & Ex ta METALLIC, EXPLOSIVE ATMOSPHERE CABLE GLAND

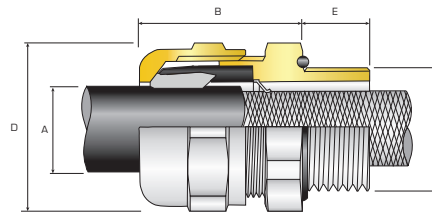
### FOR ALL TYPES OF BRAIDED / SCREENED CABLES

- Designed for superior EMC performance
- 360° contact around screen circumference
- 3<sup>rd</sup> party EMC performance tested to EN 55032
- Approved to the latest editions of IEC/EN 60079
- Internationally marked IECEx, ATEX and UKEX
- Suitable for intrinsically safe (Ex i) circuits
- Finger-locking seal provides superior cable retention and strain relief
- 3<sup>rd</sup> party certified to IEC/EN 62444
- Widest cable range take on the market
- O-ring interface seal included as standard
- Transit disc or IP68, IP69 and IP69K rated IP plug options available
- Product supplied in nickel-plated brass, or stainless steel on request



TECHNICAL DATA	
DESIGN SPECIFICATION	IEC 62444, EN 62444 (EN Metric only)
MECHANICAL CLASSIFICATION*	Impact = Level 6, Cable Anchorage = Type A
ENCLOSURE PROTECTION	IK08 to IEC 62262 (7 joules)
INGRESS PROTECTION RATING	IP66, IP67, IP68**, IP69 and IP69K
CABLE GLAND MATERIAL	Nickel-plated brass, Stainless Steel (option)
SEAL MATERIAL	CMP SOLO LSF Halogen-free Thermostet Elastomer
CABLE TYPE	Screened or Braided
SEALING TECHNIQUE	CMP Unique finger-locking type seal
SEALING AREA(S)	Cable Outer Sheath

GLOBAL PRODUCT CERTIFICATION			
ATEX CERTIFICATE	CML 19ATEX3185X	IECEx CERTIFICATE	IECEx CML 19.0062X
UKEX CERTIFICATE	CML 21UKEX3264X	CODE OF PROTECTION	Ex eb IIC Gb, Ex ta IIIC Da
CODE OF PROTECTION	⊕ II ZG ID, Ex eb IIC Gb, Ex ta IIIC Da		
COMPLIANCE STANDARDS	EN 60079-0,7,31	COMPLIANCE STANDARDS	IEC 60079-0,7,31
EAC CERTIFICATE	RU C-GB.A.07.B.02516/20	DNV CERTIFICATE	TAE000000Y
SANS	IA S-XPL21804 21.0014X	CCC CERTIFICATE	2020323213003450



\* Mechanical classifications applied as per IEC/EN 62444  
 \*\* IP68 tested to 300 kPa for 16 hours (equivalent to 30 metres water depth)

### PRODUCT SELECTION TABLE WITH DUAL SEALING RANGE

DUAL SEAL		AVAILABLE ENTRY THREADS 'C'					OVERALL CABLE DIAMETER 'A'		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'B'
		STANDARD		OPTION							
CABLE GLAND ONLY	CABLE GLAND WITH LOCKNUT	METRIC	THREAD LENGTH (METRIC) 'E'	LONG THREAD LENGTH (METRIC) 'E'	NPT	THREAD LENGTH (NPT) 'E'	MIN	MAX	MAX	MAX	
16DTSZEITA5	16DTSZE2TN5	M16	6.0	12.0	3/8"	11.0	3.0	10.0	20.0	22.0	23.6
20DTSZEITA5	20DTSZE2TN5	M20	6.5	12.0	1/2"	14.0	5.0	14.0	24.0	26.4	26.7
25DTSZEITA5	25DTSZE2TN5	M25	7.0	12.0	3/4"	15.0	9.0	18.0	30.0	33.0	32.0
32DTSZEITA5	32DTSZE2TN5	M32	8.0	12.0	1"	18.0	12.5	25.0	39.0	42.9	37.8
40DTSZEITA5	40DTSZE2TN5	M40	8.0	15.0	1 1/4"	18.0	19.0	32.0	50.0	55.0	44.7
50DTSZEITA5	50DTSZE2TN5	M50	9.0	15.0	1 1/2"	19.0	22.0	38.0	57.0	62.7	48.7
63DTSZEITA5	63DTSZE2TN5	M63	10.0	15.0	2"	20.0	28.0	48.0	68.0	74.8	52.2

### PRODUCT SELECTION TABLE WITH STANDARD SEALING RANGE

STANDARD SEAL		AVAILABLE ENTRY THREADS 'C'					OVERALL CABLE DIAMETER 'A'		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'B'
		STANDARD		OPTION							
CABLE GLAND ONLY	CABLE GLAND WITH LOCKNUT	METRIC	THREAD LENGTH (METRIC) 'E'	LONG THREAD LENGTH (METRIC) 'E'	NPT	THREAD LENGTH (NPT) 'E'	MIN	MAX	MAX	MAX	
12TSZEITA5	12TSZE2TN5	M12	6.0	12.0	1/4"	11.0	3.0	6.5	16.0	17.6	22.3
16TSZEITA5	16TSZE2TN5	M16	6.0	12.0	3/8"	11.0	3.0	7.0	20.0	22.0	23.6
16TSZEITA5	16TSZE2TN5	M16	6.0	12.0	3/8"	11.0	6.0	10.0	20.0	22.0	23.6
20TSZEITA5	20TSZE2TN5	M20	6.5	12.0	1/2"	14.0	5.0	10.0	24.0	26.4	26.7
20TSZEITA5	20TSZE2TN5	M20	6.5	12.0	1/2"	14.0	9.0	14.0	24.0	26.4	26.7
25TSZEITA5	25TSZE2TN5	M25	7.0	12.0	3/4"	15.0	9.0	15.5	30.0	33.0	32.0
25TSZEITA5	25TSZE2TN5	M25	7.0	12.0	3/4"	15.0	12.5	18.0	30.0	33.0	32.0
32TSZEITA5	32TSZE2TN5	M32	8.0	12.0	1"	18.0	12.5	19.0	39.0	42.9	37.8
32TSZEITA5	32TSZE2TN5	M32	8.0	12.0	1"	18.0	17.0	25.0	39.0	42.9	37.8
40TSZEITA5	40TSZE2TN5	M40	8.0	15.0	1 1/4"	18.0	19.0	27.0	50.0	55.0	44.7
40TSZEITA5	40TSZE2TN5	M40	8.0	15.0	1 1/4"	18.0	24.0	32.0	50.0	55.0	44.7
50TSZEITA5	50TSZE2TN5	M50	9.0	15.0	1 1/2"	19.0	22.0	32.0	57.0	62.7	48.7
50TSZEITA5	50TSZE2TN5	M50	9.0	15.0	1 1/2"	19.0	28.0	38.0	57.0	62.7	48.7
63TSZEITA5	63TSZE2TN5	M63	10.0	15.0	2"	20.0	28.0	39.0	68.0	74.8	52.2
63TSZEITA5	63TSZE2TN5	M63	10.0	15.0	2"	20.0	37.0	48.0	68.0	74.8	52.2

For NPT threads add a 'T' to the suffix e.g. 16DTSZEITA5T (1/2" NPT)  
 For long metric threads add an 'L' to the suffix e.g. 16DTSZEITA5L (M16, 12mm length of entry thread)  
 Dimensions are displayed in millimetres unless otherwise stated