

TSze EMC Ex NPT

**TRUSEAL TSze EMC Ex eb & Ex ta
METALLIC, EXPLOSIVE ATMOSPHERE CABLE GLAND
WITH NPT ENTRY THREADS**



FOR ALL TYPES OF BRAIDED / SCREENED CABLES

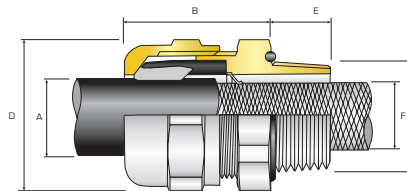
- Designed for superior EMC performance
- 360° contact around screen circumference
- 3rd party EMC performance tested to EN 55032
- Approved to the latest editions of IEC/EN 60079
- Internationally marked IECEx and ATEX
- Suitable for intrinsically safe (Ex i) circuits
- Finger-locking seal provides superior cable retention and strain relief
- 3rd 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



Product tested to IEC 60529, equivalent NEMA ratings shown for comparison purposes.

TECHNICAL DATA	
DESIGN SPECIFICATION	IEC 62444
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 Thermostat 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
ATEX COMPLIANCE STANDARDS	EN 60079-0, 7, 31	IECEx COMPLIANCE STANDARDS	IEC 60079-0, 7, 31
CODE OF PROTECTION	Ⓔ II 2G 1D, Ex eb IIC Gb, Ex ta IIIC Da	CODE OF PROTECTION	Ex eb IIC Gb, Ex ta IIIC Da
EAC CERTIFICATE	RU C-GB.A.07.B.02516/20	DNV CERTIFICATE	TAE000000Y
SANS	IA S-XPL21804 Z1.0014X	CCC CERTIFICATE	2020322313003450



* Mechanical Classifications applied as per IEC/EN 62444
 ** Contact CMP for further information on ingress protection ratings
 *** IP68 tested to 300 kPa for 16 hours (equivalent to 30 metres water depth)

PRODUCT SELECTION TABLE WITH DUAL SEALING RANGE

DUAL SEAL		ENTRY THREAD 'C'		OVERALL CABLE DIAMETER 'A'		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'B'
CABLE GLAND ONLY	CABLE GLAND WITH LOCKNUT	NPT	THREAD LENGTH 'E'	MIN	MAX	MAX	MAX	
16DTSZEITA5T	16DTSZE2TN5T	3/8"	0.49	0.12	0.39	0.79	0.87	0.93
20DTSZEITA5T	20DTSZE2TN5T	1/2"	0.63	0.20	0.55	0.94	1.04	1.05
25DTSZEITA5T	25DTSZE2TN5T	3/4"	0.64	0.35	0.71	1.18	1.30	1.26
32DTSZEITA5T	32DTSZE2TN5T	1"	0.80	0.49	0.98	1.54	1.69	1.49
40DTSZEITA5T	40DTSZE2TN5T	1 1/4"	0.83	0.75	1.26	1.97	2.17	1.76
50DTSZEITA5T	50DTSZE2TN5T	1 1/2"	0.87	0.87	1.50	2.24	2.47	1.92
63DTSZEITA5T	63DTSZE2TN5T	2"	0.87	1.10	1.89	2.68	2.94	2.06

PRODUCT SELECTION TABLE WITH STANDARD SEALING RANGE

STANDARD SEAL		ENTRY THREAD 'C'		OVERALL CABLE DIAMETER 'A'		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'B'
CABLE GLAND ONLY	CABLE GLAND WITH LOCKNUT	NPT	THREAD LENGTH 'E'	MIN	MAX	MAX	MAX	
12TSZEITA5T	12TSZE2TN5T	1/4"	0.48	0.12	0.25	0.63	0.69	0.88
16STSZEITA5T	16STSZE2TN5T	3/8"	0.49	0.12	0.27	0.79	0.87	0.93
16TSZEITA5T	16TSZE2TN5T	3/8"	0.49	0.24	0.39	0.79	0.87	0.93
20STSZEITA5T	20STSZE2TN5T	1/2"	0.63	0.20	0.39	0.94	1.04	1.05
20TSZEITA5T	20TSZE2TN5T	1/2"	0.63	0.35	0.55	0.94	1.04	1.05
25STSZEITA5T	25STSZE2TN5T	3/4"	0.64	0.35	0.61	1.18	1.30	1.26
25TSZEITA5T	25TSZE2TN5T	3/4"	0.64	0.49	0.71	1.18	1.30	1.26
32STSZEITA5T	32STSZE2TN5T	1"	0.80	0.49	0.75	1.54	1.69	1.49
32TSZEITA5T	32TSZE2TN5T	1"	0.80	0.67	0.98	1.54	1.69	1.49
40STSZEITA5T	40STSZE2TN5T	1 1/4"	0.83	0.75	1.06	1.97	2.17	1.76
40TSZEITA5T	40TSZE2TN5T	1 1/4"	0.83	0.95	1.26	1.97	2.17	1.76
50STSZEITA5T	50STSZE2TN5T	1 1/2"	0.87	0.87	1.26	2.24	2.47	1.92
50TSZEITA5T	50TSZE2TN5T	1 1/2"	0.87	1.10	1.50	2.24	2.47	1.92
63STSZEITA5T	63STSZE2TN5T	2"	0.87	1.10	1.54	2.68	2.94	2.06
63TSZEITA5T	63TSZE2TN5T	2"	0.87	1.46	1.89	2.68	2.94	2.06

Dimensions are displayed in inches unless otherwise stated