

TRUSEAL TSM_e Ex eb & Ex ta METALLIC, EXPLOSIVE ATMOSPHERE CABLE GLAND

FOR ALL TYPES OF UNARMoured & BRAIDED / SCREENED CABLES

- Finger-locking seal provides superior cable retention & strain relief
- Approved to the latest editions of IEC 60079 & EN 60079
- Internationally marked IECEx & ATEX
- Suitable for intrinsically safe (Ex i) circuits
- Meets the mechanical requirements of IEC 62444 & EN 62444
- Widest cable range take on the market
- Easy to install
- Robust design, high quality materials
- O ring interface seal included as standard
- Ingress disc or IP68, IP69 & IP69K rated bung options available
- Product supplied in nickel plated brass or stainless steel on request



shown with standard seal

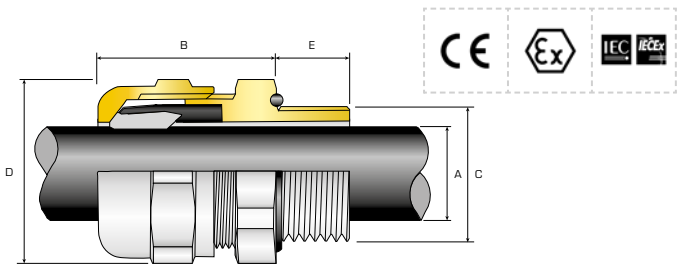


TECHNICAL DATA	
DESIGN SPECIFICATION	IEC 62444, EN 62444 (EN Metric only)
MECHANICAL CLASSIFICATION*	Impact = Level 6, Cable Anchorage = Type A
ENCLOSURE PROTECTION	IK08 to IEC 62262 (7 joules)
INGRESS PROTECTION RATING**	IP66, IP67, IP68***, IP69 & IP69K

CABLE GLAND MATERIAL	Nickel Plated Brass, Stainless Steel (option)
SEAL MATERIAL	CMP SOLO LSF Halogen Free Thermoset Elastomer
CABLE TYPE	Unarmoured & Braided (when braid is terminated inside enclosure)
SEALING TECHNIQUE	CMP Unique finger-locking type seal
SEALING AREA(S)	Cable Outer Sheath

* Mechanical Classifications applied as per IEC 62444 & 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)

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, Ex eb IIC Gb, Ex ta IIIC Da,	CODE OF PROTECTION	Ex eb IIC Gb, Ex ta IIIC Da



PRODUCT SELECTION TABLE WITH DUAL SEALING RANGE

CMP DUAL SEAL	AVAILABLE ENTRY THREADS 'C'					OVERALL CABLE DIAMETER 'A'		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'B'
	STANDARD		OPTION							
	METRIC	THREAD LENGTH (METRIC) 'E'	LONG THREAD LENGTH (METRIC) 'E'	NPT	THREAD LENGTH (NPT) 'E'	MIN	MAX	MAX	MAX	
16DTSMEITA5	M16	6.0	12.0	3/8"	11.0	3.0	10.0	20.0	22.0	22.3
20DTSMEITA5	M20	6.5	12.0	1/2"	14.0	5.0	14.0	24.0	26.4	26.7
25DTSMEITA5	M25	7.0	12.0	3/4"	15.0	9.0	18.0	30.0	33.0	32.0
32DTSMEITA5	M32	8.0	12.0	1"	18.0	12.5	25.0	39.0	42.9	37.8
40DTSMEITA5	M40	8.0	15.0	1-1/4"	18.0	19.0	32.0	50.0	55.0	44.7
50DTSMEITA5	M50	9.0	15.0	1-1/2"	19.0	22.0	38.0	57.0	62.7	48.7
63DTSMEITA5	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

CMP STANDARD SEAL	AVAILABLE ENTRY THREADS 'C'					OVERALL CABLE DIAMETER 'A'		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'B'
	STANDARD		OPTION							
	METRIC	THREAD LENGTH (METRIC) 'E'	LONG THREAD LENGTH (METRIC) 'E'	NPT	THREAD LENGTH (NPT) 'E'	MIN	MAX	MAX	MAX	
12TSMEITA5	M12	6.0	12.0	1/4"	11.0	3.0	6.5	16.0	17.6	22.3
16TSMEITA5	M16	6.0	12.0	3/8"	11.0	3.0	7.0	20.0	22.0	23.6
16TSMEITA5	M16	6.0	12.0	3/8"	11.0	6.0	10.0	20.0	22.0	23.6
20TSMEITA5	M20	6.5	12.0	1/2"	14.0	5.0	10.0	24.0	26.4	26.7
20TSMEITA5	M20	6.5	12.0	1/2"	14.0	9.0	14.0	24.0	26.4	26.7
25TSMEITA5	M25	7.0	12.0	3/4"	15.0	9.0	15.5	30.0	33.0	32.0
25TSMEITA5	M25	7.0	12.0	3/4"	15.0	12.5	18.0	30.0	33.0	32.0
32TSMEITA5	M32	8.0	12.0	1"	18.0	12.5	19.0	39.0	42.9	37.8
32TSMEITA5	M32	8.0	12.0	1"	18.0	17.0	25.0	39.0	42.9	37.8
40TSMEITA5	M40	8.0	15.0	1-1/4"	18.0	19.0	27.0	50.0	55.0	44.7
40TSMEITA5	M40	8.0	15.0	1-1/4"	18.0	24.0	32.0	50.0	55.0	44.7
50TSMEITA5	M50	9.0	15.0	1-1/2"	19.0	22.0	32.0	57.0	62.7	48.7
50TSMEITA5	M50	9.0	15.0	1-1/2"	19.0	28.0	38.0	57.0	62.7	48.7
63TSMEITA5	M63	10.0	15.0	2"	20.0	28.0	39.0	68.0	74.8	52.2
63TSMEITA5	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. 16DTSMEITA5T (3/8" NPT)
 For long metric threads add an 'L' to the suffix e.g. 16DTSMEITA5L (M16, with 12mm length of entry thread)

Dimensions are displayed in millimetres unless otherwise stated