

# Braid Armoured Cable Gland

CE  ATEX   EAC



## E1XF Type

Flameproof & Increased Safety

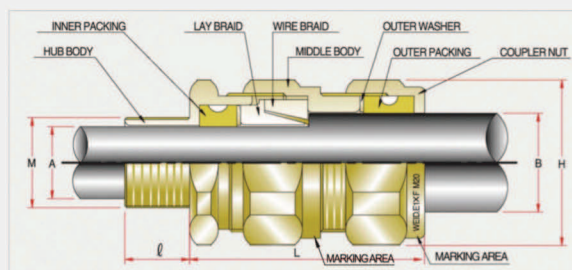
### Application

Outdoor & Indoor

For use with braid armoured / Steel tape armoured cable for Zone1 & Zone2 in hazardous area.

Double compression for outer/inner jacket of cable.

Inspectable armoured clamping cable gland.



Part No.	Entry Thread Size(M)		Cable Dia		Thread Length(l)		Entry Hole Size		Armour Size	Hexagon Dimensions (H)	Weight (g)	Length (L)	
	Metric	NPT	Inner 'A'	Outer 'B'	Metric	NPT	Metric	NPT					
E1XF-16a	M16/M20	1/2"	5 ~ 11	8 ~ 13	15	15	17	21	22	0.05/0.8	H25 X 27	150/165	67
E1XF-16b	M16/M20	1/2"	5 ~ 11	12 ~ 15.1	15	15	17	21	22	0.05/0.8	H25 X 27	150/165	67
E1XF-20a	M20	1/2" 3/4"	8 ~ 15.1	13 ~ 17.5	15	15	16	21	22 27	0.05/0.8	H31 X 33	245	74
E1XF-20b	M20	1/2" 3/4"	8 ~ 15.1	16 ~ 19.5	15	15	16	21	22 27	0.05/0.8	H31 X 33	240	74
E1XF-25a	M25	3/4" 1"	13 ~ 19.5	17.5 ~ 22	15	16	18	26	27 34	0.05/0.8	H36 X 39	310	79
E1XF-25b	M25	3/4" 1"	13 ~ 19.5	21 ~ 26	15	16	18	26	27 34	0.05/0.8	H36 X 39	300	79
E1XF-32a	M32	1" 1-1/4"	17.5 ~ 26	22 ~ 28	15	18	19	33	34 43	0.05/1.2	H45 X 49	520	86
E1XF-32b	M32	1" 1-1/4"	17.5 ~ 26	27 ~ 32	15	18	19	33	34 43	0.05/1.2	H45 X 49	510	86
E1XF-40a	M40	1-1/4" 1-1/2"	22 ~ 32	30 ~ 35	15	19	21	41	43 50	0.05/1.2	H55 X 59	835	94
E1XF-40b	M40	1-1/4" 1-1/2"	22 ~ 32	35.1 ~ 40	15	19	21	41	43 50	0.05/1.2	H55 X 59	810	94
E1XF-50a	M50	1-1/2" 2"	30 ~ 41.5	38 ~ 45	15	21	24	51	50 62	0.05/1.2	H68 X 73	1350	100
E1XF-50b	M50	1-1/2" 2"	30 ~ 41.5	43 ~ 50	15	21	24	51	50 62	0.05/1.2	H68 X 73	1300	100
E1XF-63a	M63	2" 2-1/2"	38 ~ 54	48 ~ 53	15	24	27	64	62 74	0.05/1.2	H82 X 88	075	108
E1XF-63b	M63	2" 2-1/2"	38 ~ 54	51 ~ 56	15	24	27	64	62 74	0.05/1.2	H82 X 88	2050	108
E1XF-63c	M63	2" 2-1/2"	38 ~ 54	55 ~ 60	15	24	27	64	62 74	0.05/1.2	H82 X 88	2020	108
E1XF-75a	M75	2-1/2" 3"	49 ~ 63	56 ~ 62	20	27	30	76	74 90	0.05/1.2	H98 X 106	3530	125
E1XF-75b	M75	2-1/2" 3"	49 ~ 63	62.1 ~ 66	20	27	30	76	74 90	0.05/1.2	H98 X 106	3480	125
E1XF-75c	M75	2-1/2" 3"	49 ~ 63	66.1 ~ 70	20	27	30	76	74 90	0.05/1.2	H98 X 106	3450	125
E1XF-75d	M75	2-1/2" 3"	49 ~ 63	68 ~ 75	20	27	30	76	74 90	0.05/1.2	H98 X 106	3410	125
E1XF-90a	M90	3" 3-1/2"	63 ~ 77	74 ~ 83	25	30	32	91	90 102	0.05/1.6	H110 X 120	4200	132
E1XF-90b	M90	3" 3-1/2"	63 ~ 77	82 ~ 90	25	30	32	91	90 102	0.05/1.6	H110 X 120	4105	132
E1XF-100a	M100	3-1/2" 4"	73.1 ~ 85	89 ~ 94	25	32	32	101	102 116	0.05/1.6	H120 X 130	5200	144
E1XF-100b	M100	3-1/2" 4"	73.1 ~ 85	93 ~ 98	25	32	32	101	102 116	0.05/1.6	H120 X 130	5000	144

### Protection

II2 GD / Exd IIC / Exe II / Ex tD A21 / IP 66/67

The entry thread should be suitably sealed in order to maintain IP rating

Allowable temperature on the elastomeric sealing ring: 120°C(ATEX), 130°C(CU TR)

### Design specification

BS 6121, IEC 62444, EN 50262

### Regulation

According to BS, IEC & CENELEC

Suitable for use in Zone1, Zone2,

Suitable for use in Gas Groups, IIA, IIB and IIC

### Certificate

IECEX [IECEX KOS 09.0016X]

ATEX NEMKO (02ATEX501X)

CU TR, KCS

### Materials

Nickel Plated Brass(Standard), Brass, Stainless Steel

### Accessories

Lock Nut, Sealing Washer, Earth Tag, Shroud, Serrated Washer, Reducer, Adaptor, Elbow

### Cable Gland Ordering

(Gland Type / Size & Entry Thread Size)

e.g. E1XF 16a / M16

Option : Thread 18mm

### Note

All dimension in millimeters (except for type NPT)

Each gland size can accept only one specific elastomeric sealing ring.