

Wire Armoured Cable Gland



E1WF Type



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Flameproof & Increased Safety

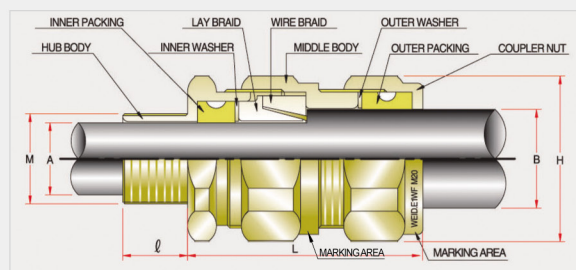
Application

Outdoor & Indoor

For use with steel wire 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				
E1WF-16a	M16/M20	1/2"	5 ~ 11	8 ~ 13	15	15	17	21	0.9/1.25	H25 X 27	150	67
E1WF-16b	M16/M20	1/2"	5 ~ 11	12 ~ 15.1	15	15	17	21	0.9/1.25	H25 X 27	150	67
E1WF-20a	M20	3/4"	8 ~ 15.1	13 ~ 17.5	15	15	16	21	0.9/1.25	H31 X 33	235	74
E1WF-20b	M20	3/4"	8 ~ 15.1	16 ~ 19.5	15	15	16	21	0.9/1.25	H31 X 33	235	74
E1WF-25a	M25	1"	13 ~ 19.5	17.5 ~ 22	15	16	18	26	1.25/1.6	H36 X 39	290	79
E1WF-25b	M25	1"	13 ~ 19.5	21 ~ 26	15	16	18	26	1.25/1.6	H36 X 39	290	79
E1WF-32a	M32	1-1/4"	17.5 ~ 26	22 ~ 28	15	18	19	33	1.6/2.0	H45 X 49	490	86
E1WF-32b	M32	1-1/4"	17.5 ~ 26	27 ~ 32	15	18	19	33	1.6/2.0	H45 X 49	490	86
E1WF-40a	M40	1-1/2"	22 ~ 32	30 ~ 35	15	19	21	41	1.6/2.0	H55 X 59	850	94
E1WF-40b	M40	1-1/2"	22 ~ 32	35.1 ~ 40	15	19	21	41	1.6/2.0	H55 X 59	850	94
E1WF-50a	M50	2"	30 ~ 41.5	38 ~ 45	15	21	24	51	1.8/2.5	H68 X 73	1390	100
E1WF-50b	M50	2"	30 ~ 41.5	43 ~ 50	15	21	24	51	1.8/2.5	H68 X 73	1390	100
E1WF-63a	M63	2-1/2"	38 ~ 54	48 ~ 53	15	24	27	64	1.8/2.5	H82 X 88	2070	108
E1WF-63b	M63	2-1/2"	38 ~ 54	51 ~ 56	15	24	27	64	1.8/2.5	H82 X 88	2070	108
E1WF-63c	M63	2-1/2"	38 ~ 54	55 ~ 60	15	24	27	64	1.8/2.5	H82 X 88	2070	108
E1WF-75a	M75	3"	49 ~ 63	56 ~ 62	20	27	30	76	1.8/2.5	H98 X 106	3270	125
E1WF-75b	M75	3"	49 ~ 63	62.1 ~ 66	20	27	30	76	1.8/2.5	H98 X 106	3270	125
E1WF-75c	M75	3"	49 ~ 63	66.1 ~ 70	20	27	30	76	1.8/2.5	H98 X 106	3270	125
E1WF-75d	M75	3"	49 ~ 63	68 ~ 75	20	27	30	76	1.8/2.5	H98 X 106	3270	125
E1WF-90a	M90	3-1/2"	63 ~ 77	74 ~ 83	25	30	32	91	1.8/3.0	H110 X 120	4600	132
E1WF-90b	M90	3-1/2"	63 ~ 77	82 ~ 90	25	30	32	91	1.8/3.0	H110 X 120	4600	132
E1WF-100a	M100	4"	73.1 ~ 85	89 ~ 94	25	32	101	102	1.8/3.0	H120 X 130	5500	144
E1WF-100b	M100	4"	73.1 ~ 85	93 ~ 98	25	32	101	102	1.8/3.0	H120 X 130	5500	144

Protection

II2 GD / Exd IIC / Exe II / Ex tD A21 / IP66 / 67

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

Allowable temperature on the elastomeric sealing ring:
-20°C ~ 120°C(ATEX), -60°C ~ 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 KOSHA (IECEx KOS 09.0018X)

ATEX NEMKO (02ATEX500X)

CU TR, KCs, DNV

Materials

Nickel Plated Brass(Standard), Brass, Stainless Steel

Accessories

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

Cable Gland Ordering

(Gland Type / Size & Entry Thread Size)

e.g. E1WF 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.