



Protection

- Ex db IIC Gb
- Ex eb IIC Gb
- Ex tb IIIC Db
- Ⓜ II 2 G Ex db IIC Gb
- Ⓜ II 2 G Ex eb IIC Gb
- Ⓜ II 2 D Ex tb IIIC Db

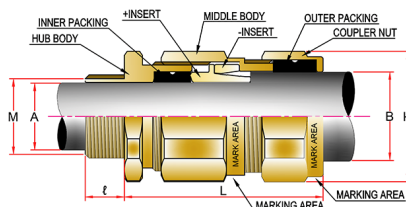
Standards

IEC 60079-0
IEC 60079-1
IEC 60079-31
IEC 60079-7
EN IEC 60079-0
EN 60079-1
EN IEC 60079-7
EN 60079-31

Technical Data

Ambient Temperature	-60°C ~ +110°C	
Application	All types of armoured cable	
Degree of Protection	IP66/68 (Metric) IP66 (NPT)	
Material	Gland Packing	Nickel plated brass(standard), Stainless steel(316L)(Option) Silicone

Dimensional drawings (All Dimensions in mm)



Part Number	Entry Thread Size(M)			Thread Length(ℓ) -Min			Cable Dia		Armour Size		Hexagon Dimensions (H x P)	Weight (g)	Length (L)
	Metric	NPT	Option	Metric	NPT	Option	Inner 'A'	Outer 'B'	Wire	Braid			
OS-E1UF 16	M16	1/2"	M20	15	15	15	5 ~ 11.5	9 ~ 15.5	0.9 ~ 1.25	0.05 ~ 0.8	H25 x P27	137	58
OS-E1UF 20	M20	1/2"	3/4"	15	15	16	7.5 ~ 15.2	13.2 ~ 20.5	0.9 ~ 1.25	0.05 ~ 0.8	H31 x P34	212	66
OS-E1UF 25	M25	3/4"	1"	15	16	18	13 ~ 19.6	17 ~ 26	1.25 ~ 1.6	0.05 ~ 0.8	H37 x P40	325	68
OS-E1UF 32	M32	1"	1-1/4"	15	18	19	16.5 ~ 26.2	24 ~ 33.5	1.6 ~ 2.0	0.05 ~ 1.2	H47 x P50	570	75
OS-E1UF 40	M40	1-1/4"	1-1/2"	15	19	21	23 ~ 32.3	30 ~ 41.5	1.6 ~ 2.0	0.05 ~ 1.2	H56 x P60	876	86
OS-E1UF 50	M50	1-1/2"	2"	15	21	24	29 ~ 41.5	38 ~ 50	1.8 ~ 2.5	0.05 ~ 1.2	H70 x P75	1445	93
OS-E1UF 63	M63	2"		15	24		39 ~ 50	45 ~ 60	1.8 ~ 2.5	0.05 ~ 1.2	H77x P82	1740	103
OS-E1UF 63X	M63		2-1/2"	15		27	46 ~ 55	55 ~ 66	1.8 ~ 2.5	0.05 ~ 1.2	H82 x P88	1907	104
OS-E1UF 75	M75	2-1/2"		20	27		52 ~ 61	58 ~ 72	1.8 ~ 2.5	0.05 ~ 1.2	H92 x P100	3270	110
OS-E1UF 75X	M75		3"	20		30	59 ~ 67	66.1 ~ 79	1.8 ~ 2.5	0.05 ~ 1.2	H98 x P106	2912	113
OS-E1UF 90	M90	3"	3-1/2"	25	30	32	66 ~ 80	72 ~ 90	1.8 ~ 3.0	0.05 ~ 1.6	H110 x P120	4600	128
OS-E1UF 100	M100	3-1/2"	4"	25	32	32	76 ~ 90.5	84 ~ 101.5	1.8 ~ 3.0	0.05 ~ 1.6	H125 x P135	5500	134
OS-E1UF 115	M115	4"		25	32		88 ~ 102	100 ~ 116	1.8 ~ 3.0	0.05 ~ 1.6	H135 x P143	5500	141

* Up to M75, 1.5 pitch is standard and from M90, 2.0 pitch is standard