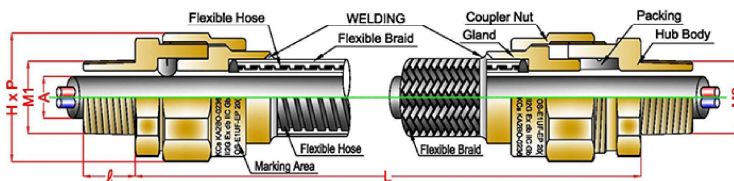


OS-E1UF-EP

Certificates	CE, UKCA, IEC, ATEX
Classifications	IP66, IP68



A type OS-E1UF-EP



Application

: Non-Armoured Cable with Flexible Conduit Type

- For use with non-armoured & braided armoured
- Cable used in narrow space or complicated area which requires flexibility
- Flameproof & Increased Safety
- Single compression
- Flexible conduit alone cannot be certified
- Flexible conduit is a drain type standard

Design Specification	BS 6121, IEC 62444, EN 50262
Compliance Standard	IEC/EN 60079-0, 1, 7, 31
ATEX Certification	Presafe 17 ATEX 11456X
IECEX Certification	IECEX PRE 17.0063X
KCs Certification	18-KA2BO-0212~9X, 18-KA2BO-0236~9X
INMETRO Certification	DNV 21.0149X~9X
Code of Protection	II2G Ex db Mb, Ex eb Mb II2G Ex db IIC Gb, Ex eb IIC Gb II2D Ex tb IIC Db
Operating Temperature	-60 °C ~ 110 °C
Regulation	Zone 1, 2 & 21, 22, Gas Group IIA, IIB, IIC, Dust Group IIIA, IIIB, IIIC
Ingress Protection (Metric)	IP 66 / 68 (request in advance if IP68 required)
(NPT)	NPT tapered hole : IP66 IP68(apply non-hardensng grease) Clearance hole : IP66/68(using IP Washer)
Applicable Cable Specification	Non-armoured cable, Braided armoured cable
Thread Available	Male and Female type Male and Male type
Gland Material	Nickel plated brass(standard), Brass(only), Stainless steel(316L)
Flexible Material	Stainless steel(304, 316L)
Gasket (washer)	Nylon(Standard), PTFE-Teflon(Option)
Packing	Silicone
Accessories (optional)	Lock nut, Sealing washer, Earth tag, Shroud, Serrated washer

Order Example

Part No.	Thread		Fixible(mm)	Type	Material	Accessories
	M1	M2				
OS-E1UF-EP 20(F16)	M20	NPT1/2"	500≤	A	Nickel plated brass	Lock nut, Sealing washer, Serrated washer

• Optional Thread Length : ≥15mm
• Material for accessories is required

(* in mm)

Part No. (Gland Size)	Entry Thread Size(M1, M2)			Thread Length(L)-Min			Cable Dia(A)		Hexagon Dimensions (HxP)	Length(L)	
	Metric	NPT	Option	Metric	NPT	Option	Waterproof	Waterdrain		Gland	Flexible
OS-E1UF-EP 16(F16)	M16	1/2"	M20	15	15	15	5.0~11.5	5.0~11.5	H35 x P37	43	Standard 500mm 700mm 1000mm ≤
OS-E1UF-EP 20(F16)	M20	1/2"	3/4"	15	15	16	7.5~13.0	7.5~15.2	H35 x P37	43	
OS-E1UF-EP 25(F22)	M25	3/4"	1"	15	16	18	13.0~18.0	13.0~19.6	H41 x P43	48	
OS-E1UF-EP 32(F28)	M32	1"	1-1/4"	15	18	19	16.5~24.5	16.5~26.2	H50 x P54	51	
OS-E1UF-EP 40(F36)	M40	1-1/4"	1-1/2"	15	19	21	23.0~31.0	23.0~32.3	H56 x P60	60	
OS-E1UF-EP 50(F42)	M50	1-1/2"	2"	15	21	24	29.0~36.5	29.0~40.0	H70 x P75	66	
OS-E1UF-EP 50(F54)	M50	1-1/2"	2"	15	21	24	33.0~41.5	33.0~41.5	H77 x P82	70	
OS-E1UF-EP 63(F54)	M63	2"	2-1/2"	15	24	27	39~46	39~50	H77 x P82	70	
OS-E1UF-EP 63X(F70)	M63	2-1/2"		15	27		46~55	46~55	H96 x P101	70	
OS-E1UF-EP 75(F70)	M75	2-1/2"	3"	20	27	30	52~61	52~61	H96 x P101	71	
OS-E1UF-EP 75X(F82)	M75	3"		20	30		59~67	59~67	H108 x P113	78	
OS-E1UF-EP 90(F82)	M90	3"	3-1/2"	25	30	32	66~80	66~80	H108 x P113	78	
OS-E1UF-EP 100(F104)	M100	3-1/2"	4"	25	32	32	76~90.5	76~90.5	H145 x P150	94	
OS-E1UF-EP 115(F104)	M115	4"		25	32		88~100	88~100	H145 x P150	94	

※ The entry holes need not greater than 0.7mm ※ Up to M75, 1.5 pitch is standard and from M90, 2.0 pitch is standard