E1FU Ex d & Ex e Cable Gland

Size	: 16mm to 90mm & ⅜" to 3½"
Standard	: EN IEC 60079-0:2018, EN/IEC 60079-1:2014, EN IEC 60079-7:2015+A1:2018, EN/IEC 60079-31:2014/2013
Application	: For indoor & outdoor hazardous area use with all types of SWA/STA cable providing flameproof seal on cable inner sheath and environmental seal on cable outer sheaths. Also provides mechanical retention & electrical continuity via armour wire termination. Designed to prevent cold flow. Superior EMC performance
IECEx Certificate No.	: IECEx ITS 16.0041X
ATEX Certificate No.	: ETL22ATEX0109X
EAC Certificate No.	: RU C-IN.Ж58.B.03310/22
PESO Certificate No.	: P568411/1
CIMFR Certificate No.	: CMF 19 INEx 0033
Code of Protection	: Ex db IIC Gb, Ex eb IIC Gb, Ex tb IIIC Db
Ingress Protection	: IP66/67 as per EN 60529.
Operating Temp.	: -60°C to +125°C
Material	: Brass CW614N/CW617N/EN12165, Stainless Steel 316L
Thread	: Metric, NPT, BSP, ET and PG
Cable Type	: Steel Wire Armoured (SWA) Cable, Aluminium Wire Armour (AWA), Steel Tape Armour (STA), Aluminium Strip Armour (ASA), Wire Braid Armour (SWB), Pliable Wire Armour (PWA), Screened Flexible (EMC) Wire Braid (CY/ SY)
Features	: Displacement Seal and Universal Armoured Ring
Seal Material	: LSOH Silicone Seal & Nylon Washer.
Standard Accessories	: IP Washer (Thread Seal)
Optional Accessories	: Shroud, Lock Nut, Earth Tag, Serrated Washer, Ingress Disc, Deluge Seal
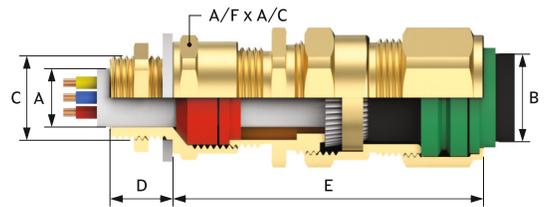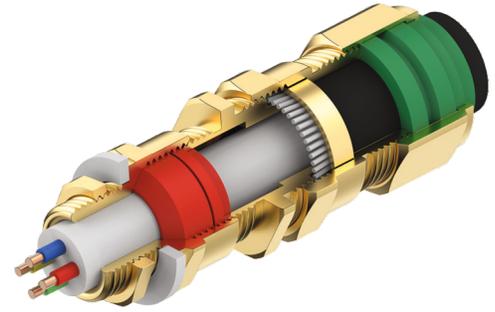
GLAND SELECTION CHART

Size	Standard Thread Size "C"				Optional Thread		Thread Length "D"	Cable Dia."A"		Cable Dia."B"		Armour Range		Protrusion Length "E"	A/F	A/C
	Metric	NPT/BSP	ET	PG	Metric	NPT/BSP		Min.	Max.	Min.	Max.	Wire Armour (W)	Strip Armour (X)			
16	16	⅜"	⅝"	PG9	-	-	15.00	3.10	8.60	6.10	13.10	0.9	0.3-1.0	68.50	24.00	26.20
20s16	20	½"	¾"	PG11	25	¾"	15.00	3.10	8.60	6.10	13.10	0.9	0.3-1.0	68.50	24.00	26.20
20S	20	½"	¾"	PG13.5	25	¾"	15.00	6.10	11.70	9.50	15.90	0.9-1.25	0.3-1.0	68.50	24.00	26.20
20	20	½"	¾"	PG16	25	¾"	15.00	6.50	13.90	12.50	20.90	0.9-1.25	0.4-1.0	71.65	30.00	33.00
25s	25	¾"	1"	PG21	32	1"	15.00	9.50	15.40	14.00	22.00	1.25-1.6	0.4-1.2	86.75	36.00	39.20
25	25	¾"	1"	PG21	32	1"	15.00	11.30	19.90	19.90	26.20	1.25-1.6	0.4-1.2	85.25	36.00	39.20
32	32	1"	1¼"	PG29	40	1¼"	15.00	17.00	26.20	23.70	33.90	1.6-2.0	0.4-1.2	89.50	46.00	50.60
40	40	1¼"	1½"	PG36	50	1½"	15.00	23.60	32.10	27.90	40.40	1.6-2.0	0.4-1.6	90.00	55.00	60.00
50S	50	1½"	2"	PG36	63	2"	15.00	31.50	38.20	35.20	46.70	2.0-2.5	0.4-1.6	89.00	60.00	65.00
50	50	2"	2"	PG42	63	2½"	15.00	35.80	44.00	40.40	53.00	2.0-2.5	0.6-1.6	95.00	70.00	75.00
63S	63	2"	2½"	PG48	75	2½"	15.00	41.70	50.00	45.60	59.40	2.0-2.5	0.6-1.6	98.00	75.00	80.00
63	63	2½"	2½"	-	75	3"	15.00	47.50	56.00	54.60	65.80	2.0-2.5	0.6-1.6	101.20	80.00	85.00
75S	75	2½"	3"	-	90	3"	15.00	55.00	62.00	59.00	72.00	2.0-2.5	0.6-1.6	109.00	90.00	95.00
75	75	3"	3"	-	90	3½"	15.00	62.00	68.00	66.70	78.40	2.5-3.00	0.6-1.6	113.50	100.00	110.00
90	90	3½"	3½"	-	100	4"	18.00	67.00	79.00	76.20	90.30	3.0-3.50	0.8-1.6	134.25	112.00	122.00
100	100	3½"	-	-	115	4"	20.00	77.00	90.20	89.00	101.4	3.15-4.0	0.8-1.6	140.00	124.00	134.00
115	115	4"	-	-	130	5"	20.00	89.00	101.4	101.0	111.0	3.15-4.0	0.8-1.6	150.00	134.00	145.00
130	130	5"	-	-	-	-	20.00	97.00	115.0	114.0	123.0	3.15-4.0	0.8-1.6	150.00	145.00	155.00

PRODUCT CODE FOR ORDERING PURPOSE

Size	Type	Material	Thread Type	Shroud Type	Accessories
20s16	E1FU	Brass-1	Standard Metric-11	PVC Shroud-PS	Lock Nut-5
		Stainless Steel-2	Standard NPT-12	LSF Shroud-LS	IP Washer-6
		Nickel Plated-3	ET Thread-13	LSOH Shroud-SL	Serrated Washer-7
			PG Thread-14	PCP Shroud-PC	Ingress Disc-8
			BSP Thread-15		Earth Tag-9
			Optional Metric-16		
			Optional NPT-17		
			Optional BSP-20		

ORDERING INFORMATION

Code: 20s16E1FU311PS569
E1FW-20s16 Nickle Plated Cable Gland Kit

20s16=Gland Size, E1FU=Gland Type, 3= With Nickle Plated Material, 11=With Standard Metric Thread, PS= With PVC Shroud, 5=With Lock Nut, 6=With IP Washer, 9=With Earthing Tag