

**E1FW EX "D" AND EX "E" - CABLE GLAND**

**Description:**

**Size :** 16mm to 90mm & ½" to 3½"

**Standard :** EN/IEC 60079-0:2012+A11:2013/2011, EN/IEC 60079-1:2014, EN/IEC 60079-7:2015, EN/IEC 60079-31:2014/2013

**Application :** For indoor & outdoor hazardous area use with all types of SWA 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.

**IECEX Certificate No. :** IECEX ITS 16.0041X

**ATEX Certificate No. :** ITS16ATEX100935X

**Code of Protection :** Ex db IIC Gb, Ex eb IIC Gb, Ex tb IIIC Db

**Ingress Protection :** IP67 as per EN 60529.

**Operating Temp. :** -60°C to +125°C

**Material :** Brass CW614N/CW617N/EN12165, Stainless Steel 316L

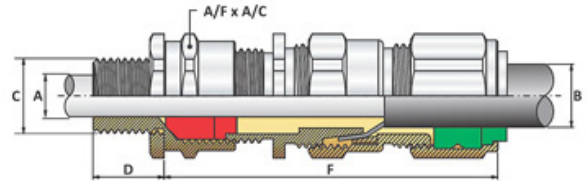
**Thread :** Metric, NPT, BSP, ET and PG

**Cable Type :** Single Wire Armoured (SWA) Cable

**Features :** Displacement Seal and Armoured Ring

**Seal Material :** LSOH Silicone Seal & LSOH Nylon Washer

**Accessories :** PVC Shroud, Earth Tag, Thread Seal, Adaptor & Reducer, Serrated Washer



## OTHER ADDITIONAL INFORMATION

Gland Selection Chart

Size	Standard Thread Size "C"				Optional Thread		Thread Length "D"	Cable Dia. "A"		Cable Dia. "B"		Armour Wire Dia	Protrusion Length "F"	A/F	A/C
	Metric	NPT/BSP	ET	PG	Metric	NPT		Min.	Max.	Min.	Max.				
20s16	20	½"	¾"	PG11	25	¾"	15.00	3.10	8.60	6.10	13.10	0.9	84.20	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	84.30	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	88.40	30.00	33.00
25	25	¾"	1"	Pg21	32	1"	15.00	11.30	19.90	19.90	26.20	1.25-1.6	102.50	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	105.30	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	105.20	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	104.25	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	105.25	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	106.75	75.00	80.00
63	63	2½"	2½"	-	75	3"	15.00	47.50	56.00	54.60	65.80	2.0-2.5	110.30	80.00	85.00
75S	75	2½"	3"	-	90	3"	15.00	55.00	62.00	59.00	72.00	2.0-2.5	118.30	90.00	95.00
75	75	3"	3"	-	90	3½"	15.00	62.00	68.00	66.70	78.40	2.5-3.00	122.25	100.00	110.00
90	90	3½"	3½"	-	100	4"	18.00	67.00	79.00	76.20	90.30	3.0-3.50	151.50	112.00	122.00

Product Code for Ordering Purpose

Size	Type	Material	Thread Type	Shroud Type	Accessories
20s16	E1FW	Brass-1	Standard Metric-11	PVC Shroud-PS	Steel Lock Nut-5
		Stainless Steel -2	Standard NPT-12	Dip Moulding Shroud-DS	IP Washer-6
		Nickel Plated- 3	ET Thread-13	LSF Shroud-LS	Serrated Washer-7
			PG Thread-14	LSOH Shroud- SL	
			BSP Thread-15		
			Optional Metric-16		
			Optional NPT-17		