

Cable Gland for Cables with Wire-Braid and Tape Armouring (Steel and Aluminium)

Series E1FX



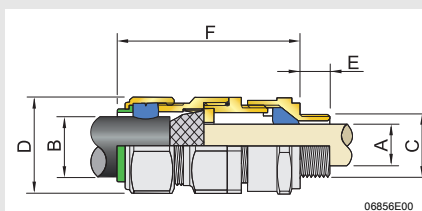
07592E00

- > Special holder for the armouring
- > Outer cable sheath sealed with a flameproof displacement seal
- > Controlled outer load retention seal
- > Unique OSTG prevents overtightening
- > Designed to prevent cold flow
- > Globally marked, IECEX, ATEX and cCSAus
- > EMC-tested



WebCode E1FXA

	ATEX / IECEX					
Zone	0	1	2	20	21	22
For use in		x	x	x	x	x



06856E00

Selection Table

Gland size	Dimensions [mm]									Armour wire thickness	PVC-shroud	Art. no.	PS	Weight
	Thread size C	Inner sheath A		Outer sheath B		Thread length E	Width across flats D	Across corners D	Protrusion Length F					
		min.	max.	min.	max.									
Metric, nickel-plated brass														
20s/16	M20 x 1.5	3.1	8.6	6.1	13.1	15.0	24.0	26.4	72.5	0.3 ... 1.0	PVC04	246384	10	0.160
20	M20 x 1.5	6.5	13.9	12.5	20.9	15.0	30.5	33.6	73.0	0.4 ... 1.0	PVC06	246385	10	0.210
25	M25 x 1.5	11.1	19.9	18.2	26.2	15.0	37.5	41.3	89.0	0.4 ... 1.2	PVC09	246386	10	0.330
32	M32 x 1.5	17.0	26.2	23.7	33.9	15.0	46.0	50.6	86.0	0.4 ... 1.2	PVC11	246387	10	0.430
40	M40 x 1.5	22.0	32.1	27.9	40.4	15.0	55.0	60.5	90.0	0.4 ... 1.6	PVC15	246388	10	0.620
50s	M50 x 1.5	29.5	38.1	35.2	46.7	15.0	60.0	66.0	91.0	0.4 ... 1.6	PVC18	246389	10	0.750
50	M50 x 1.5	35.6	44.0	40.4	53.0	15.0	70.1	77.1	95.0	0.6 ... 1.6	PVC21	246390	10	0.950
63s	M63 x 1.5	40.1	49.9	45.6	59.4	15.0	75.0	82.5	102.0	0.6 ... 1.6	PVC23	246391	10	1.340
63	M63 x 1.5	47.2	55.9	54.6	65.8	15.0	80.0	88.0	104.0	0.6 ... 1.6	PVC25	246392	10	1.340
75s	M75 x 1.5	52.8	61.9	59.0	72.0	15.0	90.0	99.0	115.0	0.6 ... 1.6	PVC28	246393	10	2.110
75	M75 x 1.5	59.1	67.9	66.7	78.4	15.0	100.0	110.0	117.0	0.6 ... 1.6	PVC30	246394	10	2.420

Note Other sizes and threads available on request.

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Selection Table															
Gland size	Dimensions [mm]										Armour wire thickness	PVC-shroud	Art. no.	PS	Weight
	Thread size C	Inner sheath A		Outer sheath B		Thread length E	Width across flats D	Across corners D	Protrusion Length F	Grooved cone					
		min.	max.	min.	max.										
NPT, nickel-plated brass															
20s/16	NPT 1/2"	3.1	8.6	6.1	13.1	19.9	24.0	26.4	72.5	0.3 ... 1.0	PVC04	246395	10	0.160	
20s	NPT 1/2"	6.1	11.6	9.5	15.9	19.9	24.0	26.4	70.0	0.3 ... 1.0	PVC04	251706	10	0.065	
20	NPT 1/2"	6.5	13.9	12.5	20.9	19.9	30.5	33.6	73.0	0.4 ... 1.0	PVC06	246396	10	0.210	
25s	NPT 3/4"	11.1	19.9	14.0	22.0	20.2	37.5	41.3	89.0	0.4 ... 1.2	PVC09	251707	10	0.065	
25	NPT 3/4"	11.1	19.9	18.2	26.2	20.2	37.5	41.3	89.0	0.4 ... 1.2	PVC09	246397	10	0.330	
32	NPT 1"	17.0	26.2	23.7	33.9	25.0	46.0	50.6	86.0	0.4 ... 1.2	PVC11	246398	10	0.430	
40	NPT 1 1/4"	22.0	32.1	27.9	40.4	25.6	55.0	60.5	90.0	0.4 ... 1.6	PVC15	246399	10	0.620	
50s	NPT 1 1/2"	29.5	38.1	35.2	46.7	26.1	60.0	66.0	91.0	0.4 ... 1.6	PVC18	246400	10	0.750	
50	NPT 2"	35.6	44.0	40.4	53.0	26.9	70.1	77.1	95.0	0.6 ... 1.6	PVC21	246401	10	0.950	
63s	NPT 2"	40.1	49.9	45.6	59.4	26.9	75.0	82.5	102.0	0.6 ... 1.6	PVC23	246402	10	1.340	
63	NPT 2 1/2"	47.2	55.9	54.6	65.8	39.9	80.0	88.0	104.0	0.6 ... 1.6	PVC25	246403	10	1.340	
75s	NPT 2 1/2"	52.8	61.9	59.0	72.0	39.9	90.0	99.0	115.0	0.6 ... 1.6	PVC28	246404	10	2.110	
75	NPT 3"	59.1	67.9	66.7	78.4	41.5	100.0	110.0	117.0	0.6 ... 1.6	PVC30	246405	10	2.420	

Note Other sizes and threads available on request.

Technical Data	
Explosion protection	
Global (IECEx)	
Gas, dust and mining	IECEx SIR 13.0026X Ex d IIC Gb, Ex e IIC Gb, Ex nR IIC Gc Ex ta IIIC Da IECEx SIM 14.0007X Ex d I Mb, Ex e I Mb
Europe (ATEX)	
Gas, dust and mining	SIRA 13 ATEX 1071X Ⓢ II 2 G Ex d IIC Gb, Ⓢ II 2 G Ex e IIC Gb Ⓢ II 1 D Ex ta IIIC Da Ⓢ I M 2 Ex d I Mb, Ⓢ I M 2 Ex e I Mb SIRA 13 ATEX 4077X Ⓢ II 3 G Ex nR IIC Gc
Certifications and certificates	
Certificates	IECEx, ATEX, Brazil (INMETRO), China (China-Ex), India (PESO), Canada (CSA), Kazakhstan (TR), Columbia (COL), Korea (KCs), Russia (TR), Belarus (TR)
Ship approval	DNV, LRS, ABS
Ambient temperature	-60 ... +130 °C
Degree of protection	IP66 IP67 & IP68 only if CMP entry thread O-ring is used
Material	
Cable gland	Brass nickel-plated (Other materials available on request)
Seal	SOLO LSF
Version	BS 6121, IEC/EN 62444

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