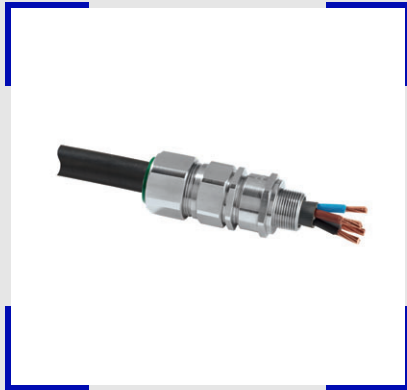


# Cable Gland for all Types of Armoured Cables (SWA/AWA, Wire-Braid, Tape) (Steel and Aluminium) Series E1FU



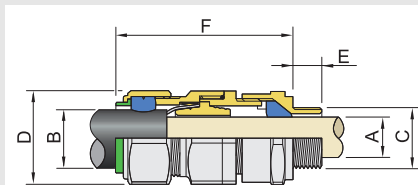
07592E00

- > Multi-functional 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 E1FUA

	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 kg	
	Thread size C	Inner sheath A		Outer sheath B		Thread length E	Width across flats D	Across corners D	Protrusion Length F	Grooved cone					Plain cone
min.		max.	min.	max.											
<b>Metric, nickel-plated brass</b>															
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	0.80 ... 1.25	PVC04	<b>243482</b> ◀	10	0.160
20s	M20 x 1.5	6.1	11.6	9.5	15.9	15.0	24.0	26.4	70.0	0.3 ... 1.0	0.80 ... 1.25	PVC04	<b>243483</b> ◀	10	0.150
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	0.80 ... 1.25	PVC06	<b>243484</b> ◀	10	0.210
25s	M25 x 1.5	11.1	19.9	14.0	22.0	15.0	37.5	41.3	89.0	0.4 ... 1.2	1.25 ... 1.60	PVC09	<b>243485</b> ◀	10	0.330
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	1.25 ... 1.60	PVC09	<b>243486</b> ◀	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	1.60 ... 2.00	PVC11	<b>243487</b> ◀	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	1.60 ... 2.00	PVC15	<b>243488</b>	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	2.00 ... 2.50	PVC18	<b>243489</b>	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	2.00 ... 2.50	PVC21	<b>243490</b>	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	2.00 ... 2.50	PVC23	<b>243491</b>	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	2.00 ... 2.50	PVC25	<b>243492</b>	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	2.00 ... 2.50	PVC28	<b>246282</b>	10	2.110
75	M75 x 1.5	59.1	67.9	66.7	78.5	15.0	100.0	110.0	117.0	0.6 ... 1.6	2.00 ... 2.50	PVC30	<b>246283</b>	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 kg
	Thread size C	Inner sheath A		Outer sheath B		Thread length E	Width across flats D	Across corners D	Protrusion Length F	Grooved cone	Plain cone				
min.		max.	min.	max.											
<b>NPT, nickel-plated brass</b>															
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	0.80 ... 1.25	PVC04	<b>246284</b> ◀	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	0.80 ... 1.25	PVC04	<b>246285</b> ◀	10	0.150
20	NPT 1/2"	6.5	13.9	12.5	20.9	19.9	30.5	33.6	73.0	0.4 ... 1.0	0.80 ... 1.25	PVC06	<b>246286</b> ◀	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	1.25 ... 1.60	PVC09	<b>246287</b> ◀	10	0.330
25	NPT 3/4"	11.1	19.9	18.2	26.2	20.2	37.5	41.3	89.0	0.4 ... 1.2	1.25 ... 1.60	PVC09	<b>246288</b> ◀	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	1.60 ... 2.00	PVC11	<b>246289</b> ◀	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	1.60 ... 2.00	PVC15	<b>246290</b>	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	2.00 ... 2.50	PVC18	<b>246291</b>	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	2.00 ... 2.50	PVC21	<b>246292</b>	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	2.00 ... 2.50	PVC23	<b>246293</b>	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	2.00 ... 2.50	PVC25	<b>246294</b>	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	2.00 ... 2.50	PVC28	<b>246295</b>	10	2.110
75	NPT 3"	59.1	67.9	66.7	78.5	41.5	100.0	110.0	117.0	0.6 ... 1.6	2.00 ... 2.50	PVC30	<b>246296</b>	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

E10