

Cable Gland for all Types of Unarmoured Cables as well as Wire-Braid-Armoured Cables installed in Flexible Conduits

Series A2FFC



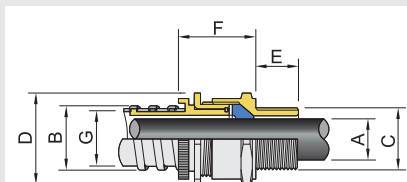
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- > Designed for flexible and rigid conduits
- > Rigid conduits require thread adaptor from conduit supplier
- > Suitable for conduit with rubber sheath/coating
- > Outer cable sheath sealed with a flameproof displacement seal
- > Designed to prevent coldflow
- > Globally marked, IECEx, ATEX und CSA



WebCode A2FFCA

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



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Selection Table

Gland size	Dimensions [mm]		Thread length E	Inner conduit diameter G	Outer conduit diameter B	Width across flats D	Across corners D	Protrusion Length F	Art. no.	PS	Weight kg	
	Thread size C	Inner sheath A min. max.										
Metric, nickel-plated brass												
20s/16	M20 x 1.5	3.2	4.1	15.0	5.1	12.0	24.0	26.4	33.2	243593	10	0.090
			5.2	15.0	6.8	13.0	24.0	26.4	33.2	243594	10	0.090
			5.5	15.0	7.8	13.0	24.0	26.4	33.2	243595	10	0.090
			8.0	15.0	9.1	15.0	24.0	26.4	33.2	243596	10	0.080
			8.1	15.0	9.5	15.0	24.0	26.4	33.2	243597	10	0.090
			10.2	16.0	24.0	26.4	33.2	243598	10	0.090		
			10.9	17.0	24.0	26.4	33.2	243599	10	0.090		
20s	M20 x 1.5	6.1	11.4	15.0	13.0	20.0	24.0	26.4	33.1	243602	10	0.090
			11.7	15.0	13.9	20.0	24.0	26.4	33.1	243603	10	0.090
			14.7	21.5	24.0	26.4	33.1	243604	10	0.090		
20	M20 x 1.5	6.5	13.1	15.0	15.6	21.6	27.0	29.7	35.4	243605	10	0.100
			14.0	15.0	16.9	23.4	27.0	29.7	35.4	243606	10	0.100
			18.0	24.0	27.0	29.7	35.4	243607	10	0.100		
			18.7	25.0	27.0	29.7	35.4	243608	10	0.100		
			20.0	26.3	27.0	29.7	35.4	243609	10	0.120		
			20.5	28.0	27.0	29.7	35.4	243610	10	0.110		

Note Other sizes and threads available on request.

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Metric, nickel-plated brass												
25	M25 x 1.5	11.1	15.3	15.0	17.6	25.0	36.0	39.6	43.1	243611	10	0.160
			18.4	15.0	20.7	27.0	36.0	39.6	43.1	243612	10	0.160
			19.0	15.0	22.3	28.5	36.0	39.6	43.1	243613	10	0.170
			20.0		23.7	32.0	36.0	39.6	43.1	243614	10	0.180
					25.1	31.0	36.0	39.6	43.1	243615	10	0.170
					26.5	35.0	36.0	39.6	43.1	243616	10	0.180
32	M32 x 1.5	17.0	26.0	15.0	28.1	35.8	41.0	45.1	43.1	243617	10	0.210
			26.3	15.0	30.4	38.0	41.0	45.1	43.1	243618	10	0.210
					34.6	45.0	41.0	45.1	43.6	243619	10	0.250
40	M40 x 1.5	23.5	32.2	15.0	36.4	45.0	50.0	55.0	45.1	243620	10	0.280
			32.2	15.0	40.0	49.0	50.0	55.0	45.1	243621	10	0.300
50s	M50 x 1.5	31.0	38.2	15.0	46.5	58.7	55.0	60.5	43.8	243622	10	0.480
						51.2	61.0	55.0	60.5	43.8	243623	10
50		35.6	44.0	15.0	51.2	61.0	60.0	66.0	48.0	243624	10	0.490

Note Other sizes and threads available on request.

Technical Data	
Explosion protection	
Global (IECEX)	
Gas, dust and mining	IECEX SIR 13.0023X Ex d IIC Gb, Ex e IIC Gb, Ex nR IIC Gc Ex ta IIIC Da IECEX SIM 14.0006 Ex d I Mb, Ex e I Mb
Europe (ATEX)	
Gas, dust and mining	SIRA 13 ATEX 1068X Ⓢ 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 4074 Ⓢ 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	ABS, LRS
Ambient temperature	-60 ... +130 °C
Degree of protection	IP66 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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