Capri IGE1W/E1X

Versatile industrial cable glands



IGE1W/E1X Series

Designed to the B.S. 6121 and EN 62444 standards, the IGE1W/E1X Series is a robust metallic range of cable glands for industrial applications which require armour clamping, grounding, and earthing. Featuring two silicone sealing rings, it offers an IP66 tightness on the inner and outer sheaths of the cable, adapted to most harsh environmental conditions as well as a perfect tensile strength.

This specific version provides a smart clamping method allowing the use of Steel Wire Armoured (SWA) as well as Steel Wire Braided (SWB) and Steel Tape Armoured (STA) cables, just by reversing the clamping ring.

Fitted with two silicone seals, the IGE1/E1X Series cable gland provides:

- a continuous operating temperature range from -60°C to +125°C,
- a double pull resistant seal on the inner and outer sheaths,
- a design that reduces the risk of cold flow,
- an IP66 tightness.

Available in nickel-plated brass, already assembled, it is quick to install and fully kitted with relevant accessories: locknut, nylon IP seal, earth tag and shroud.

Technical specifications

IP66 CE UK CA

Certifications and compliances

- B.S. 6121 Part 1
- EN 62444

Operating temperatures

-60°C to +125°C

Material

Nickel-plated brass

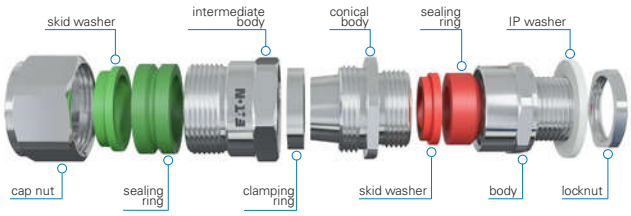
Thread options

ISO metric and NPT

Accessories included

- Silicone seal
- Supplied with locknut, nylon IP washer, earth tag, and shroud





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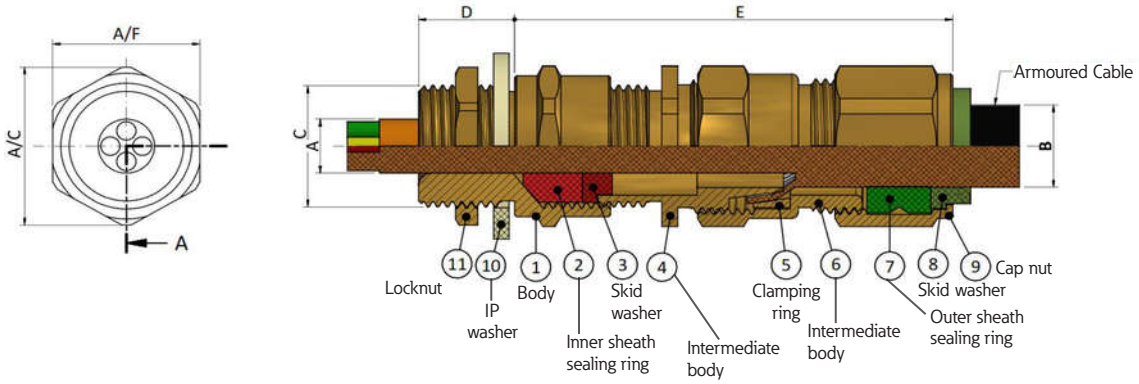
Dimensions



Size	Cable Ø min. / max. inner sheath (A)	outer sheath (B)	Armour E1W min. / max. E1X		Thightening Torque (Nm)	Dimensions ISO D	ISO D+E	NPT D	NPT D+E	A/F	A/C
20s	6.2 - 11.7	9.5 - 15.9	0.9 - 1.25	0.3 - 1.0	25.0	15.0	83.5	16.0	84.5	24.0	26.2
20	6.5 - 13.9	12.5 - 20.9	0.9 - 1.25	0.4 - 1.0	25.0	15.0	87.0	16.0	88.0	30.0	33.0
25s	9.5 - 15.4	14.0 - 22.0	1.25 - 1.6	0.4 - 1.2	30.0	15.0	104.0	16.0	105.0	36.0	39.2
25	11.3 - 19.9	19.9 - 26.2	1.25 - 1.6	0.4 - 1.2	30.0	15.0	103.0	16.0	104.0	36.0	39.2
32	17.0 - 26.2	23.7 - 33.9	1.6 - 2.0	0.4 - 1.2	35.0	15.0	106.0	19.0	110.0	46.0	50.6
40	23.6 - 32.1	27.9 - 40.4	1.6 - 2.0	0.4 - 1.6	45.0	15.0	106.5	19.0	110.5	55.0	60.0
50s	31.5 - 38.2	35.2 - 46.7	2.0 - 2.5	0.4 - 1.6	60.0	15.0	107.0	21.0	113.0	60.0	65.0
50	35.8 - 44.0	40.4 - 53.0	2.0 - 2.5	0.6 - 1.6	65.0	15.0	112.0	21.0	118.0	70.0	75.0
63s	41.7 - 50.0	45.6 - 59.4	2.0 - 2.5	0.6 - 1.6	65.0	15.0	116.0	21.0	122.0	75.0	80.0
63	47.5 - 56.0	54.6 - 65.8	2.0 - 2.5	0.6 - 1.6	75.0	15.0	118.0	30.0	133.0	80.0	85.0
75s	55.0 - 62.0	59.0 - 72.0	2.0 - 2.5	0.6 - 1.6	80.0	15.0	130.0	30.0	145.0	90.0	95.0
75	62.0 - 68.0	66.7 - 78.4	2.5 - 3.0	0.6 - 1.6	80.0	15.0	132.0	32.0	149.0	100.0	110.0

All dimensions are in mm.

Ordering information

Size	Thread ISO (C)	Part Number ISO Nickel plated brass
20s	M20	IGE1M20SNPNK2
20	M20	IGE1M20NPNK2
25s	M25	-
25	M25	IGE1M25NPNK2
32	M32	IGE1M32NPNK2
32	M40	-
40	M40	IGE1M40NPNK2
40	M50	-
50s	M50	IGE1M50SNPNK2
50	M50	IGE1M50NPNK2
63s	M63	IGE1M63SNPNK2
63	M63	IGE1M63NPNK2
75s	M75	IGE1M75SNPNK2
75	M75	IGE1M75NPNK2

Size	Thread NPT (C)	Part Number NPT Nickel plated brass
20s	1/2"	IGE1N050SNPNK2
20	1/2"	IGE1N050NPNK2
25s	3/4"	IGE1N075SNPNK2
25	3/4"	IGE1N075NPNK2
32	1"	IGE1N100NPNK2
32	1 1/4"	IGE1N125SNPNK2
40	1 1/4"	IGE1N125NPNK2
40	1 1/2"	IGE1N150SNPNK2
50s	1 1/2"	IGE1N150NPNK2
50	2"	IGE1N200SNPNK2
63s	2"	IGE1N200NPNK2
63	2 1/2"	IGE1N250SNPNK2
75s	2 1/2"	IGE1N250NPNK2
75	3"	IGE1N300NPNK2

Note: extra NPT sizes are available upon request

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