

E1W Double Compression Industrial Cable Gland



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E1W type brass cable gland for use with all types of armoured cables.

- > Double compression gland, providing mechanical cable retention and electric continuity via armoured wire termination. Environmental seal on the outer sheath to IP 66. Inner seal provides grip to inner layer of cable.
- > Secure against self loosening.
- > Cable gland complete kit includes: brass gland, locknut, earth tag and PVC shroud. For sizes upto M25 and lower, will contain two kits and for sizes M32 and above will include one kit of each component.

Technical Specification

Threading

Standard

Ingress Protection Rating

Cable Type

Protection Material

Continuous Operating Temp

Accessories

Optional

Metric

BS 6121:2005, EN 62444:2013

IP66

All types of armoured cables

Brass CuZn39Pb3 (CW614N) to EN12168

- 20° C to + 130° C

Earth Tag, Locknut, Entry Thread Seal, PVC Shroud

Available in Brass Nickel Plating on Request

Cable Gland Selection Table

Cable Gland Size	Entry Thread 'C'		Option	Minimum Thread Length 'E'	Cable Bedding Diameter 'A'		Overall Cable Diameter 'B'		Armour Range		Across Flat 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference
	Metric	NPT	NPT		Min	Max	Min	Max	Min	Max	Max	Max		
20S/16	M20	1/2"	3/4"	10	3.1	8.7	6.1	11.5	0.9	1	24	26.6	63	20S16E1W1BI
20S	M20	1/2"	3/4"	10	6.1	11.7	9.5	15.9	0.9	1.25	24	26	63	20SE1W1BI
20	M20	1/2"	3/4"	10	6.5	14	12.5	20.9	0.9	1.25	30.5	33.3	67	20E1W1BI
25	M25	3/4"	1"	10	11.1	20	18.2	26.2	1.25	1.6	37.5	40.5	78	25E1W1BI
32	M32	1"	1 1/4"	15	17	26.3	23.7	33.9	1.6	2	46	51	78	32E1W1BI
40	M40	1 1/4"	1 1/2"	10	22	32.2	27.9	40.4	1.6	2	55	61	83	40E1W1BI
50S	M50	1 1/2"	2"	15	29.5	38.2	35.2	46.7	2	2.5	60	66.5	78	50SE1W1BI
50	M50	2"	2 1/2"	15	35.6	44.1	40.4	53.1	2	2.5	70.1	78.6	81	50E1W1BI
63S	M63	2"	2 1/2"	15	40.1	50	45.6	59.4	2	2.5	75	83.2	93	63SE1W1BI
63	M63	2 1/2"	3"	15	47.2	56	54.6	65.9	2	2.5	80	89	95	63E1W1BI
75S	M75	2 1/2"	3"	15	52.8	62	59	72.1	2	2.5	89	101.6	103	75SE1W1BI
75	M75	3"	3 1/2"	15	59.1	68	66.7	78.5	2	2.5	99	111.1	110	75E1W1BI

Dimensions are displayed in millimeters unless otherwise stated.

Photographs are not a true representation of the product above.

Disclaimer: The dimensions provided are for guidance only and BICC Components Ltd reserves the right to change these without prior notification. For any critical application please contact the sales office to check the latest data.

