

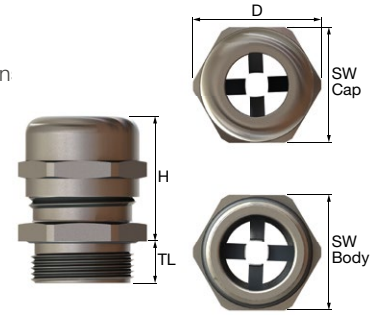
# Cable Glands

## Specialized EMC Cable Glands



### EMC4 cable glands, brass with moving spring contact

- For industrial applications where EMC protection is needed
- Vibration proof
- Material: Body, Cap: Brass Nickel plated / Seal: CR / Clamping in Spring contact: Specific copper alloy / O-Ring: NBR
- Ingress Protection Rating: IP 68 - 5 Bar, 30 min
- UL Environmental Rating: TYPE 4X, 12, 13 acc. to UL 50E
- Flammability: V2 according to UL94
- Operating temperature:
  - Permanent: -20 °C to +100 °C
  - Intermittent: -40 °C to +150 °C
- Cable type: Shielded
- Accessories (Refers to dedicated page): Locknuts, Washer Gaskets, Dome Plugs



### Thread Type METRIC acc. to EN 60423

Outer Thread Size (Male)	Clamping Range Ø		Shield Diameter Ø		Outer Thread Length		Spanner Width				Outer Ø		Max. Height		Pkg per Box		
	min - max		min - max		TL		Cap		Body		D		H				
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
M12x1.5	3 - 6.5	0.118-0.256	2 - 5	0.079-0.197	6	0.236	14	0.551	14	0.551	15.5	0.610	30	1.181	EM-EMC4-M12-MET-A	1SNG614001R0000	50
M16x1.5	5 - 10	0.197-0.394	3.5 - 8	0.138-0.315	6	0.236	20	0.787	20	0.787	22	0.866	35	1.378	EM-EMC4-M16-MET-A	1SNG614002R0000	50
M20x1.5	6 - 12	0.236-0.472	4.5 - 10	0.177-0.394	6	0.236	22	0.866	22	0.866	24.5	0.965	33.5	1.319	EM-EMC4-M20-MET-A	1SNG614003R0000	50
	7.5 - 14	0.295-0.551	5.5 - 11.5	0.217-0.453	8	0.315	24	0.945	24	0.945	26.8	1.055	41.5	1.634	EM-EMC4-M20-MET-B	1SNG614004R0000	50
M25x1.5	10 - 18	0.394-0.709	7 - 14	0.276-0.551	8	0.315	30	1.181	30	1.181	33	1.299	44.5	1.752	EM-EMC4-M25-MET-A	1SNG614005R0000	25
M32x1.5	16 - 25	0.63-0.984	12 - 20	0.472-0.787	9	0.354	40	1.575	40	1.575	44.5	1.752	55	2.165	EM-EMC4-M32-MET-A	1SNG614006R0000	10
M40x1.5	22 - 32	0.866-1.26	18 - 27	0.709-1.063	9	0.354	50	1.969	50	1.969	55.5	2.185	62.5	2.461	EM-EMC4-M40-MET-A	1SNG614007R0000	5
M50x1.5	30 - 38	1.181-1.496	26 - 34	1.024-1.339	9	0.354	58	2.283	58	2.283	64	2.520	74	2.913	EM-EMC4-M50-MET-A	1SNG614008R0000	5
M63x1.5	34 - 44	1.339-1.732	30 - 40	1.181-1.575	14	0.551	64	2.520	68	2.677	75	2.953	60	2.362	EM-EMC4-M63-MET-A	1SNG614009R0000	5
	37 - 53	1.457-2.087	33 - 49	1.299-1.929	10	0.394	75	2.953	75	2.953	83	3.268	75	2.953	EM-EMC4-M63-MET-B	1SNG614010R0000	5

### Thread Type NPT acc. to ANSI B1.20.1

Outer Thread Size (Male)	Clamping Range Ø		Shield Diameter Ø		Outer Thread Length		Spanner Width				Outer Ø		Max. Height		Pkg per Box		
	min - max		min - max		TL		Cap		Body		D		H				
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
NPT 1/4"	3 - 6.5	0.118-0.256	2 - 5	0.079-0.197	11.5	0.453	14	0.551	15	0.591	16.5	0.650	30	1.181	EM-EMC4-NPT14-MET-A	1SNG614011R0000	50
NPT 3/8"	5 - 10	0.197-0.394	3.5 - 8	0.138-0.315	11.5	0.453	20	0.787	20	0.787	22	0.866	35	1.378	EM-EMC4-NPT38-MET-A	1SNG614012R0000	50
NPT 1/2"	6 - 12	0.236-0.472	4.5 - 10	0.177-0.394	15	0.591	22	0.866	22	0.866	24.5	0.965	39.5	1.555	EM-EMC4-NPT12-MET-A	1SNG614013R0000	50
	7.5 - 14	0.295-0.551	5.5 - 11.5	0.217-0.453	15	0.591	24	0.945	24	0.945	26.8	1.055	41.5	1.634	EM-EMC4-NPT12-MET-B	1SNG614014R0000	50
NPT 3/4"	10 - 18	0.394-0.709	7 - 14	0.276-0.551	15	0.591	30	1.181	30	1.181	33	1.299	43.5	1.713	EM-EMC4-NPT34-MET-A	1SNG614015R0000	25
NPT 1"	16 - 25	0.63-0.984	12 - 20	0.472-0.787	20	0.787	40	1.575	40	1.575	44.5	1.752	54	2.126	EM-EMC4-NPT1-MET-A	1SNG614016R0000	25
NPT 1 1/4"	22 - 32	0.866-1.26	18 - 27	0.709-1.063	20	0.787	50	1.969	50	1.969	55.5	2.185	63	2.480	EM-EMC4-NPT114-MET-A	1SNG614017R0000	20
NPT 1 1/2"	30 - 38	1.181-1.496	26 - 34	1.024-1.339	22	0.866	58	2.283	58	2.283	64	2.520	73	2.874	EM-EMC4-NPT112-MET-A	1SNG614018R0000	10
NPT 2"	34 - 44	1.339-1.732	30 - 40	1.181-1.575	22	0.866	64	2.520	68	2.677	75	2.953	73	2.874	EM-EMC4-NPT2-MET-A	1SNG614019R0000	5

### Thread Type PG acc. to DIN 40430

Outer Thread Size (Male)	Clamping Range Ø		Shield Diameter Ø		Outer Thread Length		Spanner Width				Outer Ø		Max. Height		Pkg per Box		
	min - max		min - max		TL		Cap		Body		D		H				
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
PG 7	3 - 6.5	0.118-0.256	2 - 5	0.079-0.197	6	0.236	14	0.551	15	0.591	16.5	0.650	30	1.181	EM-EMC4-PG7-MET-A	1SNG614020R0000	50
PG 9	4 - 8	0.157-0.315	2.5 - 6	0.098-0.236	6	0.236	17	0.669	17	0.669	18.9	0.744	33.8	1.331	EM-EMC4-PG9-MET-A	1SNG614021R0000	50
PG 11	5 - 10	0.197-0.394	3.5 - 8	0.138-0.315	6	0.236	20	0.787	21	0.827	23	0.906	35	1.378	EM-EMC4-PG11-MET-A	1SNG614022R0000	50
PG 13.5	6 - 12	0.236-0.472	4.5 - 10	0.177-0.394	6.5	0.256	22	0.866	22	0.866	24.5	0.965	33.5	1.319	EM-EMC4-PG135-MET-A	1SNG614023R0000	50
PG 16	7.5 - 14	0.295-0.551	5.5 - 11.5	0.217-0.453	6.5	0.256	24	0.945	25	0.984	27.5	1.083	41.5	1.634	EM-EMC4-PG16-MET-A	1SNG614024R0000	25
PG 21	10 - 18	0.394-0.709	7 - 14	0.276-0.551	7	0.276	30	1.181	32	1.260	35.5	1.398	44.5	1.752	EM-EMC4-PG21-MET-A	1SNG614025R0000	25
PG 29	16 - 25	0.63-0.984	12 - 20	0.472-0.787	9	0.354	40	1.575	40	1.575	44.5	1.752	55	2.165	EM-EMC4-PG29-MET-A	1SNG614026R0000	10
PG 36	22 - 32	0.866-1.26	18 - 27	0.709-1.063	9	0.354	50	1.969	50	1.969	55.5	2.185	62	2.441	EM-EMC4-PG36-MET-A	1SNG614027R0000	5
PG 42	30 - 38	1.181-1.496	26 - 34	1.024-1.339	12	0.472	58	2.283	60	2.362	66.5	2.618	74.5	2.933	EM-EMC4-PG42-MET-A	1SNG614028R0000	5
PG 48	34 - 44	1.339-1.732	30 - 40	1.181-1.575	14	0.551	64	2.520	68	2.677	75	2.953	60.5	2.382	EM-EMC4-PG48-MET-A	1SNG614029R0000	5

All the main technical data provided are "manufacturer" values  
Refers to UL files for precise approval per products



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