

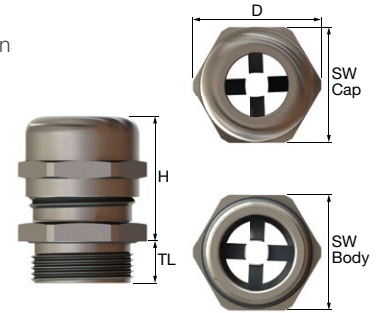
Cable Glands

Specialized EMC Cable Glands



EMC2 cable glands, brass with fixed spring contact

- For industrial applications where EMC protection is needed
- 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 1, 4X 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 min - max		Shield Diameter Ø min - max		Outer Thread Length TL		Spanner Width Cap		Spanner Width Body		Outer Ø		Max. Height		Description	Part Number	Pkg per Box
	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 - 4.5	0.098-0.177	6	0.236	14	0.551	14	0.551	15.5	0.610	24	0.945	EM-EMC2-M12-MET-A	1SNG613001R0000	50
					12	0.472									EM-EMC2-M12-MET-B	1SNG613002R0000	50
M16x1.5	4 - 8	0.157-0.315	3.5 - 6	0.138-0.236	7	0.276	17	0.669	18	0.709	20	0.787	25.5	1.004	EM-EMC2-M16-MET-A	1SNG613003R0000	50
					12	0.472									EM-EMC2-M16-MET-B	1SNG613004R0000	50
M20x1.5	5 - 10	0.197-0.394	4 - 8	0.157-0.315	6.5	0.256	20	0.787	20	0.787	22	0.866	31.5	1.240	EM-EMC2-M16-MET-C	1SNG613005R0000	50
					8	0.315									EM-EMC2-M20-MET-A	1SNG613006R0000	50
M25x1.5	6 - 12	0.236-0.472	5 - 10	0.197-0.394	12	0.472	22	0.866	22	0.866	24.5	0.965	26.5	1.043	EM-EMC2-M20-MET-B	1SNG613007R0000	50
					8	0.315									EM-EMC2-M25-MET-A	1SNG613008R0000	25
M32x1.5	10 - 14	0.394-0.551	8.5 - 11.5	0.335-0.453	8	0.315	24	0.945	27	1.063	30	1.181	30	1.181	EM-EMC2-M25-MET-B	1SNG613009R0000	25
					12	0.472									EM-EMC2-M25-MET-C	1SNG613010R0000	25
M32x1.5	13 - 18	0.512-0.709	11 - 14	0.433-0.551	8	0.315	30	1.181	30	1.181	33	1.299	40	1.575	EM-EMC2-M32-MET-A	1SNG613011R0000	10
					15	0.591									EM-EMC2-M32-MET-B	1SNG613012R0000	10
M40x1.5	18 - 25	0.709-0.984	16 - 20	0.63-0.787	9	0.354	40	1.575	40	1.575	44.5	1.752	46	1.811	EM-EMC2-M32-MET-C	1SNG613013R0000	10
					9	0.354									EM-EMC2-M40-MET-A	1SNG613014R0000	10
M50x1.5	22 - 32	0.866-1.26	20 - 27	0.787-1.063	15	0.591	40	1.575	43	1.693	48.5	1.909	40.5	1.594	EM-EMC2-M40-MET-B	1SNG613015R0000	10
					9	0.354									EM-EMC2-M40-MET-C	1SNG613016R0000	5
M63x1.5	34 - 44	1.339-1.732	31 - 40	1.22-1.575	9	0.354	50	1.969	50	1.969	55.5	2.185	54.5	2.146	EM-EMC2-M50-MET-A	1SNG613017R0000	5
					15	0.591									EM-EMC2-M50-MET-B	1SNG613018R0000	5
M63x1.5	34 - 44	1.339-1.732	31 - 40	1.22-1.575	14	0.551	64	2.520	68	2.677	75	2.953	55	2.165	EM-EMC2-M63-MET-A	1SNG613019R0000	5
					18	0.709									EM-EMC2-M63-MET-B	1SNG613020R0000	5

Thread Type NPT acc. to ANSI B1.20.1

Outer Thread Size (Male)	Clamping Range Ø min - max		Shield Diameter Ø min - max		Outer Thread Length TL		Spanner Width Cap		Spanner Width Body		Outer Ø		Max. Height		Description	Part Number	Pkg per Box
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
NPT 3/8"	5 - 10	0.197-0.394	4 - 8	0.157-0.315	11.5	0.453	20	0.787	20	0.787	22	0.866	31.5	1.240	EM-EMC2-NPT38-MET-A	1SNG613021R0000	50
NPT 1/2"	6 - 12	0.236-0.472	5 - 10	0.197-0.394	13	0.512	22	0.866	22	0.866	24.5	0.965	27.5	1.083	EM-EMC2-NPT12-MET-A	1SNG613022R0000	50
NPT 3/4"	13 - 18	0.512-0.709	11 - 14	0.433-0.551	13	0.512	30	1.181	30	1.181	33	1.299	38	1.496	EM-EMC2-NPT34-MET-A	1SNG613023R0000	25
NPT 1"	18 - 25	0.709-0.984	16 - 20	0.63-0.787	13	0.512	40	1.575	43	1.693	48.5	1.909	45.5	1.791	EM-EMC2-NPT1-MET-A	1SNG613024R0000	10

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