EMC Servo Ampacity Cable Glands Lead-Free Brass

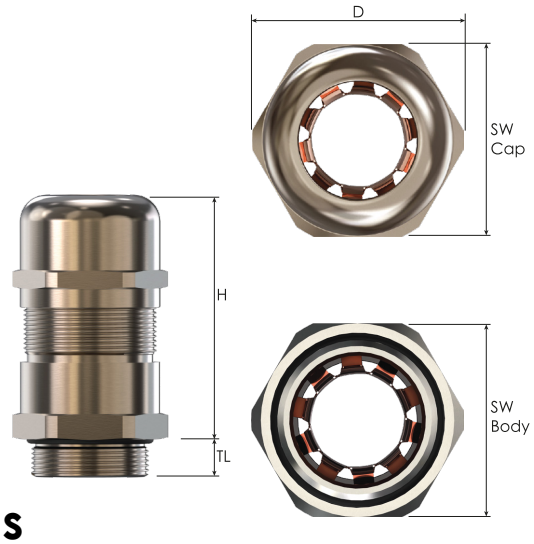
EMC-FA cable glands with high current proof, open moving spring contact

- For metal machines and housings.
- Lead-free.
- Vibration proof EMC performance.
- For high current proof applications.
- Specially designed EMC protective cable glands.
- Long-lasting contact by high definition contact spring.
- Moving spring contact offers reduced risk of sheath damage.
- Easy movement of cable as long as not fastened.
- Easy assembly: install cable gland - prepare cable sheath - insert cable - tighten cap.
- Easy assembly and disassembly of cable. Spring closes and opens according to fastening of the cap.
- High quality strain relief and sealing, reliable performance for EMC applications.
- Up-to-date international approvals.

Technical Details			
Material	Body, Cap	Lead-free brass, Nickel plated	
	Seal	CR (Chloroprene)	
	Clamping Insert	PA 6 (Polyamide 6)	
	Contact Springs	Special Copper Alloy	
	O-Ring	NBR	
Ingress Protection Rating		IP 68 - 5 Bar, 30 min	
Flammability		V2 according to UL94	
Operating Temperature		Permanent	Intermittent
		-20 °C to +100 °C	-40 °C to +150 °C
Thread Type		• Metric EN 60423 • NPT ANSI B1.20.1	
Cable Type		Shielded	
Accessories		• EMC Locknuts • Dome plugs • Gaskets (Washers)	
Remarks		• Manufactured according to DIN EN 62444/50262. • We recommend the use of lock nuts and gaskets to ensure IP rating for rough surfaces or through holes. • Some approvals do not cover all sizes. • O-ring is available in Metric thread as a standard. For NPT threads O-ring available upon request. • Accessories must be ordered separately. • Other lock nut types also available upon request.	

Approvals	Certificate Number	Standards
VDE	40039349	In progress
UL	E-199260	In progress

For more approvals: see our webpage.



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Thread Type **METRIC** acc. to EN 60423

Outer Thread Size (Male)	Clamping Range Ø min-max mm	Shield Diameter Ø min-max mm	Outer Thread Length TL mm	Spanner Width Cap SW Cap mm	Spanner Width Body SW Body mm	Outer Ø D mm	max. Height H mm	Part Number
M16x1,5	5,0 – 10,0	3,5 - 8,0	6,0	20	20	22,0	41,0	**BMEM-51 (LF)**
M20x1,5	7,5 - 14,0	5,5 - 11,0	8,0	24	24	27,0	47,0	**BMEM-52 (LF)**
M25x1,5	10,0 - 18,0	7,0 - 14,0	8,0	30	30	33,0	52,0	**BMEM-53 (LF)**
M32x1,5	16,0 - 25,0	12,0 - 20,0	9,0	40	40	44,5	60,0	**BMEM-54 (LF)**
M40x1,5	22,0 - 32,0	18,0 - 27,0	9,0	50	50	64,0	66,5	**BMEM-55 (LF)**
M50x1,5	30,0 - 38,0	26,0 - 34,0	9,0	58	58	64,0	64,0	**BMEM-56 (LF)**
M63x1,5	34,0 - 44,0	30,0 - 40,0	14,0	64	68	75,0	65,0	**BMEM-57 (LF)**

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

Outer Thread Size (Male)	Clamping Range Ø min-max mm	Shield Diameter Ø min-max mm	Outer Thread Length TL mm	Spanner Width Cap SW Cap mm	Spanner Width Body SW Body mm	Outer Ø D mm	max. Height H mm	Part Number
NPT 3/8"	5,0 – 10,0	3,5 - 8,0	11,5	20	20	22,0	40,5	**BNEM-51 (LF)**
NPT 1/2"	7,5 - 14,0	5,5 - 11,0	15,0	24	24	27,0	43,0	**BNEM-52 (LF)**
NPT 3/4"	10,0 - 18,0	7,0 - 14,0	15,0	30	30	33,0	51,5	**BNEM-53 (LF)**
NPT 1"	16,0 - 25,0	12,0 - 20,0	20,0	40	40	44,5	60,0	**BNEM-54 (LF)**
NPT 1 1/4"	22,0 - 32,0	18,0 - 27,0	20,0	50	50	64,0	66,5	**BNEM-55 (LF)**
NPT 1 1/2"	30,0 - 38,0	26,0 - 34,0	20,0	58	58	64,0	63,5	**BNEM-56 (LF)**
NPT 2"	34,0 - 44,0	30,0 - 40,0	22,0	64	64	75,0	72,0	**BNEM-57 (LF)**