bimed EMC Cable Glands - Metric Thread

Overview

EMC Cable Glands – Metric Thread

EMC Cable Glands are used in applications to maintain shielding for electromagnetic protection. These glands maintain the shielding integrity from the shielded cable to the enclosure simply by tightening the gland. Long lasting contact is achieved using a high-definition spring that is designed to move to prevent damage to the sheath. For easy cable installation this spring allows for clearance while the cable is installed and clamps to the cable once the gland is tightened. Metric EMC glands can accept cable diameters between 0.118 to 2.087 inches (3 to 53mm).

Features

Material
- Body: Brass nickel-plated
- Cap: Brass nickel-plated
- Seal: CR (Chloroprene Rubber)
- Clamp insert: PA 6 (Polyamide 6)
- Contact Spring: Special Copper Alloy
- O-ring: NBR

Flammability
- V2 (According to UL 94)

Protection Class
- IP68 - 5 Bar [72.5 psi]

Operating Temperature
- Permanent: -20 to +100°C [-4 to +212°F]
- Intermittent: -40 to +150°C [-40 to +302°F]

Attachment Thread
- DIN 40430

Body
- Manufactured according to the requirements of EN 50262

Agency Approvals

Approvals
- UL Recognized or Listed File # E199260 *
- CE

***Note: To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.**

Cable Glands

Part Number	Price	Qty	Thread Size	Clamping Range mm [in]	Shield Diameter mm [in]	Tightening Torque		Drawing Link
						Cap to Body	Body to Enclosure (or Locknut to Body)	
						N·m [lb·ft]	N·m [lb·ft]	
BMEM-ES-M12T-WCL	$;59f5:	5	M12 x 1.5 mm	3.0 to 6.5 [0.12 to 0.26]	2.0 to 5.0 [0.08 to 0.20]	5 ± 0.5 [3.69 ± 0.4]	5 ± 0.5 [3.69 ± 0.4]	PDF
BMEM-E1-M16T-WCL	$;59f6:	5	M16 x 1.5 mm	5.0 to 10.0 [0.20 to 0.40]	3.5 to 8.0 [0.14 to 0.31]	6 ± 0.5 [4.43 ± 0.4]	6 ± 0.5 [4.43 ± 0.4]	PDF
BMEM-E2S-M20T-WCL	$;59f7:	5	M20 x 1.5 mm	6.0 to 12.0 [0.24 to 0.47]	4.5 to 10.0 [0.18 to 0.39]	6 ± 0.5 [4.43 ± 0.4]	6 ± 0.5 [4.43 ± 0.4]	PDF
BMEM-E2-M20T-WCL	$;59f8:	5	M20 x 1.5 mm	7.5 to 14.0 [0.30 to 0.55]	5.5 to 11.5 [0.22 to 0.45]	10 ± 0.5 [7.38 ± 0.4]	6 ± 0.5 [4.43 ± 0.4]	PDF
BMEM-E3-M25T-WCL	$;59f9:	5	M25 x 1.5 mm	10.0 to 18.0 [0.39 to 0.71]	7.0 to 14.0 [0.28 to 0.55]	15 ± 0.5 [11.07 ± 0.4]	6 ± 0.5 [4.43 ± 0.4]	PDF
BMEM-E4-M32T-WCL	$;59fa:	5	M32 x 1.5 mm	16.0 to 25.0 [0.63 to 0.98]	12.0 to 20.0 [0.47 to 0.79]	22 ± 1.0 [16.24 ± 0.7]	6 ± 0.5 [4.43 ± 0.4]	PDF
BMEM-E5-M40T-WCL	$;59fb:	2	M40 x 1.5 mm	22.0 to 32.0 [0.87 to 1.26]	18.0 to 27.0 [0.71 to 1.06]	42 ± 1.0 [31 ± 0.7]	12 ± 0.5 [8.86 ± 0.4]	PDF
BMEM-E6-M50T-WCL	$;059fc:	2	M50 x 1.5 mm	30.0 to 38.0 [1.18 to 1.5]	26.0 to 34.0 [1.02 to 1.34]	42 ± 1.0 [31 ± 0.7]	18 ± 0.5 [13.28 ± 0.4]	PDF
BMEM-E7-M63T-WCL	$;059fd:	2	M63 x 1.5 mm	34.0 to 44.0 [1.34 to 1.73]	30.0 to 40.0 [1.18 to 1.57]	43 ± 1.0 [31.73 ± 0.7]	25 ± 1.0 [18.45 ± 0.7]	PDF
BMEM-E7L-M63T-WCL	$;059fe:	2	M63 x 1.5 mm	37.0 to 53.0 [1.46 to 2.09]	33.0 to 49.0 [1.30 to 1.93]	100 ± 2.0 [73.8 ± 1.5]	25 ± 1.0 [18.45 ± 0.7]	PDF

Note: Hex nut and washer included.

bimed EMC Cable Glands - PG Thread

Overview

EMC Cable Glands – PG Thread

EMC Cable Glands are used in applications to maintain shielding for electromagnetic protection. These glands maintain the shielding integrity from the shielded cable to the enclosure simply by tightening the gland. Long lasting contact is achieved using a high-definition spring that is designed to move to prevent damage to the sheath. For easy cable installation this spring allows for clearance while the cable is installed and clamps to the cable once the gland is tightened. PG EMC glands can accept cable diameters between 0.118 to 1.732 inches (3 to 44mm).

Features

Material
- Body: Brass nickel-plated
- Cap: Brass nickel-plated
- Seal: CR (Chloroprene Rubber)
- Clamp insert: PA 6 (Polyamide 6)
- Contact Spring: Special Copper Alloy
- O-ring: NBR

Protection Class
- IP68 - 5 Bar (72.5 psi)

Operating Temperature
- Permanent: -20 to +100°C [-4 to +212°F]
- Intermittent: -40 to +150°C [-40 to +302°F]

Attachment Thread
- DIN 40430

Body
- Manufactured according to the requirements of EN 50262

Agency Approvals

Approvals
- CE

CE

***Note: To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.**

Cable Glands								
Part Number	*Price*	*Qty*	*Thread Size*	*Clamping Range mm [in]*	*Shield Diameter mm [in]*	*Tightening Torque*		*Drawing Link*
						Cap to Body	*Body to Enclosure (or Locknut to Body)*	
						N·m [lb·ft]	*N·m [lb·ft]*	
BSEM-E2-PG9T-WCL	$;;59ff:	5	PG9	4.0 - 8.0 [0.16 - 0.31]	2.5 - 6.0 [0.1 - 0.24]	6 ± 0.5 [4.43 ± 0.37]	4 ± 0.5 [2.95 ± 0.37]	PDF
BSEM-E3-PG11T-WCL	$;59fg:	5	PG11	5.0 - 10.0 [0.2 - 0.39]	3.5 - 8.0 [0.14 - 0.31]	6 ± 0.5 [4.43 ± 0.37]	5.5 ± 0.5 [4.06 ± 0.37]	PDF
BSEM-E4-PG13T-WCL	$;59fh:	5	PG13.5	6.0 - 12.0 [0.24 - 0.47]	4.5 - 10.0 [0.18 - 0.39]	6 ± 0.5 [4.43 ± 0.37]	5.5 ± 0.5 [4.06 ± 0.37]	PDF
BSEM-E5-PG16T-WCL	$;-59fi:	5	PG16	7.5 - 14.0 [0.3 - 0.55]	5.5 - 11.5 [0.22 - 0.45]	10 ± 0.5 [7.38 ± 0.37]	6 ± 0.5 [4.43 ± 0.37]	PDF
BSEM-E6-PG21T-WCL	$;-59fj:	5	PG21	10.0 - 18.0 [0.39 - 0.71]	7.0 - 14.0 [0.28 - 0.55]	15 ± 0.5 [11.07 ± 0.37]	6 ± 0.5 [4.43 ± 0.37]	PDF
BSEM-E7-PG29T-WCL	$;059fk:	5	PG29	16.0 - 25.0 [0.63 - 0.98]	12.0 - 20.0 [0.47 - 0.79]	22 ± 0.5 [16.24 ± 0.37]	12 ± 0.5 [8.86 ± 0.37]	PDF
BSEM-E8-PG36T-WCL	$;-59fl:	2	PG36	22.0 - 32.0 [0.87 - 1.26]	18.0 - 27.0 [0.71 - 1.06]	42 ± 1 [312 ± 0.74]	18 ± 0.5 [13.28 ± 0.37]	PDF
BSEM-E9-PG42T-WCL	$;59fn:	1	PG42	30.0 - 38.0 [1.18 - 1.5]	26.0 - 34.0 [1.02 - 1.34]	42 ± 1 [312 ± 0.74]	20 ± 0.5 [14.76 ± 0.37]	PDF
BSEM-E10-PG48T-WCL	$;59fo:	1	PG48	34.0 - 44.0 [1.34 - 1.73]	30.0 - 40.0 [1.18 - 1.57]	43 ± 1 [31.73 ± 0.74]	25 ± 1 [18.45 ± 0.74]	PDF

Note: Hex nut and washer included.

bimed EMC Cable Glands - NPT Thread

Overview

EMC Cable Glands – NPT Thread

EMC Cable Glands are used in applications to maintain shielding for electromagnetic protection. These glands maintain the shielding integrity from the shielded cable to the enclosure simply by tightening the gland. Long lasting contact is achieved using a high-definition spring that is designed to move to prevent damage to the sheath. For easy cable installation this spring allows for clearance while the cable is installed and clamps to the cable once the gland is tightened. NPT EMC glands can accept cable diameters between 1/4 to 2 inches [3 to 44mm].

Features

Material
- Body: Brass nickel-plated
- Cap: Brass nickel-plated
- Seal: CR (Chloroprene Rubber)
- Clamp insert: PA 6 (Polyamide 6)
- Contact Spring: Special Copper Alloy
- O-ring: NBR

Flammability
- V2 (According to UL 94)

Protection Class
- IP68 - 5 Bar (72.5 psi)

Operating Temperature
- Permanent: -20 to +100°C [-4 to +212°F]
- Intermittent: -40 to +150°C [-40 to +302°F]

Attachment Thread
- ANSI B1.20.1

Body
- Manufactured according to the requirements of EN 50262

Agency Approvals

Approvals
- UL Recognized or Listed File # E199260 *
- CE

***Note: To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.**

Cable Glands

Part Number	Price	Qty	Thread Size	Clamping Range mm [in]	Shield Diameter mm [in]	Tightening Torque		Drawing Link
						Cap to Body	Body to Enclosure (or Locknut to Body)	
						N·m [lb·ft]	N·m [lb·ft]	
BNEM-E1-3-8T-WCL	$;59fp:	5	3/8in NPT	5.0 - 10.0 [0.2 - 0.39]	3.5 - 8.0 [0.14 - 0.31]	6 ± 0.5 [4.43 ± 0.37]	3 ± 0.5 [2.21 ± 0.37]	PDF
BNEM-E2S-1-2T-WCL	$;59fq:	5	1/2in NPT	6.0 - 12.0 [0.24 - 0.47]	4.5 - 10.0 [0.18 - 0.39]	6 ± 0.5 [4.43 ± 0.37]	3 ± 0.5 [2.21 ± 0.37]	PDF
BNEM-E2-1-2T-WCL	$;59fs:	5	1/2in NPT	7.5 - 14.0 [0.3 - 0.55]	5.5 - 11.5 [0.22 - 0.45]	10 ± 0.5 [7.38 ± 0.37]	4 ± 0.5 [2.95 ± 0.37]	PDF
BNEM-E3-3-4T-WCL	$;;59ft:	5	3/4in NPT	10.0 - 18.0 [0.39 - 0.71]	7.0 - 14.0 [0.28 - 0.55]	15 ± 0.5 [11.07 ± 0.37]	5.5 ± 0.5 [4.06 ± 0.37]	PDF
BNEM-E4-1T-WCL	$;059fu:	5	1in NPT	16.0 - 25.0 [0.63 - 0.98]	12.0 - 20.0 [0.47 - 0.79]	22 ± 1 [16.24 ± 0.74]	8 ± 0.5 [5.92 ± 0.37]	PDF
BNEM-E5-11-4T-WCL	$;59fv:	2	1-1/4in NPT	22.0 - 32.0 [0.87 - 1.26]	18.0 - 27.0 [0.71 - 1.06]	42 ± 1 [31 ± 0.74]	10 ± 0.5 [7.38 ± 0.37]	PDF
BNEM-E6-11-2T-WCL	$;59fx:	1	1-1/2in NPT	30.0 - 38.0 [1.18 - 1.5]	26.0 - 34.0 [1.02 - 1.34]	42 ± 1 [31 ± 0.74]	16 ± 0.5 [11.81 ± 0.37]	PDF
BNEM-E7-2T-WCL	$;59fy:	1	2in NPT	34.0 - 44.0 [1.34 - 1.73]	30.0 - 40.0 [1.18 - 1.57]	43 ± 1 [31.73 ± 0.74]	18 ± 0.5 [13.28 ± 0.37]	PDF

Note: Hex nut and washer included.

bimed Cable Glands: Replacement EMC Hex Nuts

Replacement Hex Nuts for EMC Cable Glands					
Type	*Part Number*	*Price*	*Qty*	*Thread Size*	*Drawing Link*
BMEL	***BMEL-01***	$59e4:	5	M12 x 1.5mm	PDF
	BMEL-02	$59e5:	5	M16 x 1.5mm	PDF
	BMEL-03	$59e6:	5	M20 x 1.5mm	PDF
	BMEL-04	$59e7:	5	M25 x 1.5mm	PDF
	BMEL-05	$59e8:	5	M32 x 1.5mm	PDF
	BMEL-06	$59e9:	2	M40 x 1.5mm	PDF
	BMEL-07	$59ea:	2	M50 x 1.5mm	PDF
	BMEL-08	$59eb:	2	M63 x 1.5mm	PDF
BSEL	***BSEL-01***	$59ec:	5	PG7	PDF
	BSEL-02	$59ed:	5	PG9	PDF
	BSEL-03	$59ee:	5	PG11	PDF
	BSEL-04	$;59ef:	5	PG13.5	PDF
	BSEL-05	$59eg:	5	PG16	PDF
	BSEL-06	$59eh:	5	PG21	PDF
	BSEL-07	$-59ei:	5	PG29	PDF
	BSEL-08	$-59ej:	2	PG36	PDF
	BSEL-09	$59ek:	2	PG42	PDF
	BSEL-10	$-59el:	2	PG48	PDF
BNEL	***BNEL-01S***	$59en:	5	1/4in NPT	PDF
	BNEL-01	$59eo:	5	3/8in NPT	PDF
	BNEL-02	$59ep:	5	1/2in NPT	PDF
	BNEL-03	$59eq:	5	3/4in NPT	PDF
	BNEL-04	$59es:	5	1in NPT	PDF
	BNEL-05	$;59et:	5	1-1/4in NPT	PDF
	BNEL-06	$59eu:	2	1-1/2in NPT	PDF
	BNEL-07	$59ev:	2	2in NPT	PDF

CE

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