PG EMC Grounding Cord Connectors

PG Metric Size	Part Number	Thread Diameter mm	Thread Length mm	Min. Shield Di mm	Wrenching Flats mm	Diameter Range mm	Diameter Range inches
PG 7	BSEM-01	13	6.0	2.5	14	3.0 - 6.5	.118-.256
PG 9	BSEM-02	16	6.0	3.0	17	4.0 - 8.0	.157-.315
PG 11	BSEM-03	19	6.5	4.0	20	5.0 - 10.0	.197-.398
PG 13.5	BSEM-04	21	6.5	5.0	22	6.0 - 12.0	.236-.473
PG 16	BSEM-05	23	6.0	8.0	24	10.0 - 14.0	.394-.551
PG 21	BSEM-06	29	7.5	11.0	30	13.0 - 18.0	.512-.709
PG 29	BSEM-07	37	8.0	16.0	40	18.0 - 25.0	.709-.985
PG 36	BSEM-08	47	9.0	19.0	50	22.0 - 32.0	.867-1.260
PG 42	BSEM-09	54	12.0	27.0	56	30.0 - 38.0	.182-1.497
PG 48	BSEM-10	59	14.0	30.0	64	34.0 - 44.0	.339-1.733

NPT EMC Grounding Cord Connectors

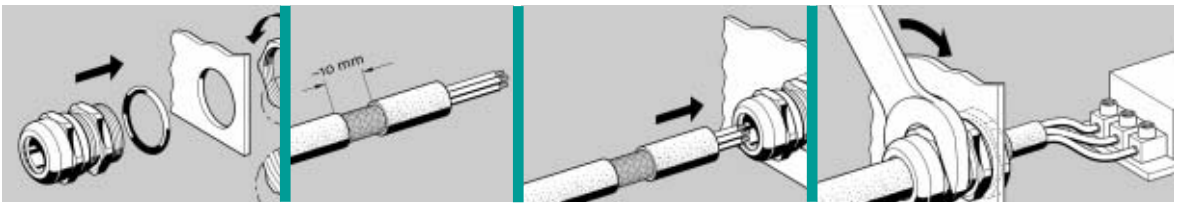
NPT Size	Part Number	Thread Diameter mm	Thread Diameter inches	Thread Length mm	Thread Length inches	Wrenching Flats mm	Wrenching Flats inches	Diameter Range mm	Diameter Range inches
NPT 3/8	BNEM-01	16	0.630	15	.591	17	.670	4.0 - 8.0	.157 - .315
NPT 1/2	BNEM-02	21	0.827	13	.512	22	.867	6.0 - 12.0	.236 - .473
NPT 3/4	BNEM-03	29	1.143	13	.512	30	1.182	13.0 - 16.0	.512 - .709

Various colors, materials and sizes available upon request.

EMC Cable Glands

The EMC Cable Gland combines several advantages in one product. First of all, you get the same clamping range as with the normal brass gland. The protection class is IP 68. In order to get a low impedance electrical contact between the body and the cable braiding the gland does not have to be opened. Next, the shielding for electromagnetical purposes will be perfect by just tightening the gland. This high tech gland consists of body plastic inlet, EMC spring and neoprene seal. It is delivered in a ready to use assembly.

Applying the EMC Cable Gland is very easy: to get a perfect shielding you just have to remove the outer sheath of the shielded cable by approximately 5 to 10 mm. This is enough to enable the fingers of a special spring inside the gland to contact the braiding by just inserting the cable into the gland. This spring will also adapt different outer diameters of the braiding according to the clamping range of the gland. As the plastic inlet of the gland is as long as the gland itself there will be no chance for an electrical shortcut between the body and the single cores of the cable.



Tighten the cable gland to the housing. *Remove outer sheath of shielded cable.* *Insert cable until EMC spring.* *Lock and tight the cap.*

Just tightening the cap of the gland will have three different effects: the cable will be centered in the middle of the gland, the neoprene sealing will guarantee the IP 68 protection and the design of the cap will give the appropriate strain relief. All is done by just one turn of the glands cap. Even uninstalling the cable is easy: by opening the gland's cap you can pull off the cable together with the gland's insert, which can then be removed easily.