

EVG 80/1

Order No.: 18010200

Specification Sheet

Type	Electronic convertor for neon tubes according to VDE 0712.	
	Für Innen- und Außenanlagen geeignet. Für Blinkbetrieb bedingt geeignet.	
Weight	0.750 kg	
Radio interference suppression	According to VDE 0875, Part 2A1 (EN 55015)	CE
Temperatures	Ambient temperature range: -25 to +65°C Temperature limit: +80°C (max. ambient temp. that the convertor is able to withstand for a short period of time without being destroyed)	
Housing	Polystyrene shell Standard colour: white Filling compound: polyurethane (black)	
Class of protection	I	
Degree of protection	IP 65	

Secondary Data

990 Volt with 80 mA constant current, symmetrical alternating current, load-dependent operating frequency, 16-20 kHz, earthed secondary winding.

Secondary current tolerance:
-5/+10% (of rated value)

Suitable for blue discharge tubes.

Only partly suitable for red discharge tubes due to an occasional jelly bean effect.

Connectable tube lengths (in meter):

Blue discharge (outdoor)						
Diameter	10	12	15	18	20	22
1 Syst.	0.9	1.1	1.4	1.7	1.8	2.0
2 Syst.	0.5	0.6	0.8	0.9	1.0	1.1

Blue discharge (indoor)						
Diameter	10	12	15	18	20	22
1 Syst.	1.2	1.5	1.8	2.1	2.3	2.5
2 Syst.	0.8	1.0	1.2	1.4	1.5	1.6

Primary Data

Mains voltage	230 Volt, +/- 10 %, 50 / 60Hz
Current consumption	Depends on the connected tube load; max. 0.50 Amp. cos phi 0.95

Protective Equipment

Safety fuse	Integrated 1 Amp. melting fuse offering protection against internal short circuits.
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Caution:

The installation instructions must be observed when using the convertors!

The values given represent the maximum connectable tube lengths which must not be exceeded. Shorter tube lengths, however, may be connected without any restrictions. The tube lengths are calculated on the basis of the 'Filling Pressure Recommendations for Fluorescent Tubes' published by the German *Fachverband Lichtwerbung*.

Technical modifications reserved.

Housing dimensions



170x53x44mm

Housing colour: white
All dimensions in millimetres

