BVW 3312 / BVW 3313

Fading control unit 36V

3312 = Ident N° HBVW400495R1 / B+Z Art.N° 34
3313 = Ident N° HBVW400495R2 / B+Z Art.N° 36

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Simular picture

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1. Description/ function

Low beam control for instrument lighting. For ohmic loads..

The brightness of the lamps or LEDs is steplessly controlled by the rotary knob between 25-100%.
Thus the dimmer is not dimmable to 0. The control of the lamps is voltage-compensated.

BVW3312 has on the front panel a lamp and a **"V" symbol.**
BVW3313 has on the front panel a **lamp symbol without V**.

2. Technical data

- **Standards**

The product is manufactured in accordance with the following standards:

ISO 9001:2015
Electronic equipment used on rolling stock: EN50155
Electromagnetic compatibility: EN50121-3-2
Isolation: EN50124-1
Shock and vibration: EN50155/EN61373
Fire protection according to EN 45545

The standards applicable to this product are dependent on the version available at the time of development.

Typs:	**BVW3312 36V**	Ident. No.: HBVW400495R1
	BVW3313 36V	Ident. No.: HBVW400495R2

- **Input**

Operating voltage :	36VDC +25% / -30%
Open circuit current:	approx. 18mA
Protective circuit:	Transient protection diode

- **Output**

Signal output:	Pulse-width-modulated voltage signal; Amplitude = Operating voltage.
Voltage range:	8.5V ... 34.3V (effective valie) at rated voltage. (Ca. 25-100%)
Power:	max. 10W (Output not short-circuit proof)

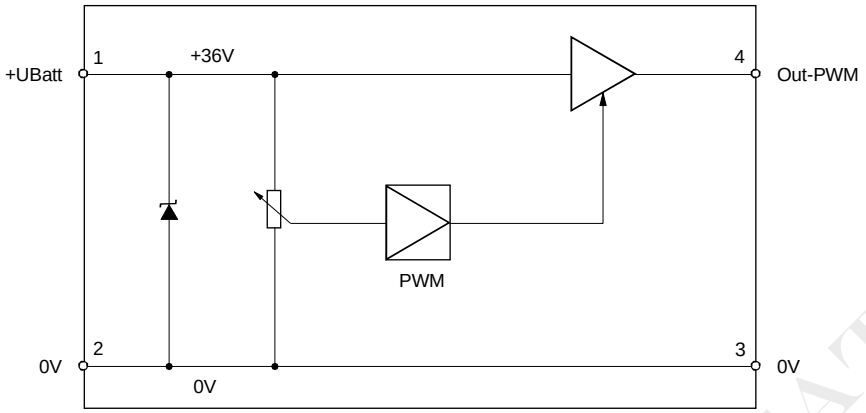
- **General Data**

Front frame:	24 x 48 mm
Built-in depth:	76 mm
Switchboard cutout:	21 x 42 mm
Weight:	approx. 60g
Housing material:	Plastic
Connecting type:	Faston tongues (6,3 x 0,8mm)
Connection name:	1 + 36 V Operating voltage
	2 0 V
	3 0 V
	4 Lamp output (max. 10W)
Labeling:	Connction diagram on the side.
Ambient temperature:	-40°C to +60°C

- **Disposal / Recycling**

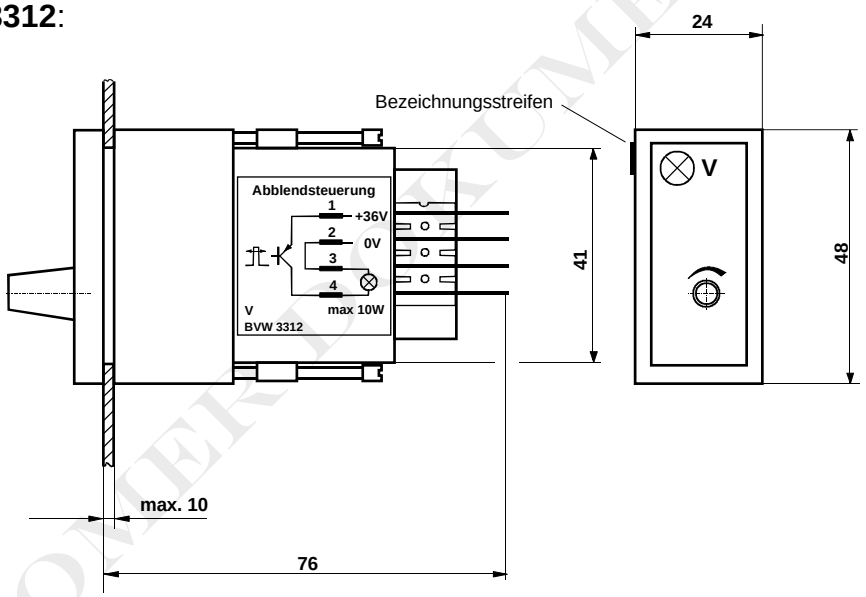
According to local regulations.

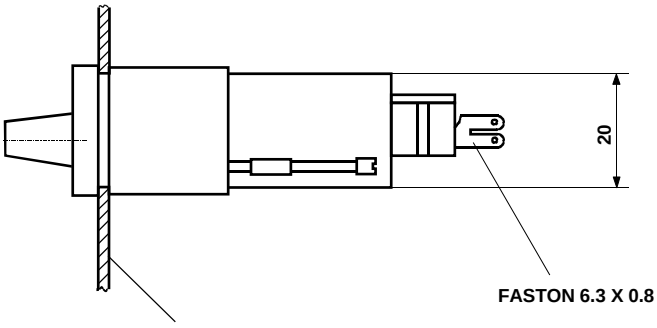
3. Block diagram



4. Measures

Example: **BVW3312**:





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