

Presentation:

The GDU100 is a device for gear indication with a shift light integrated



Description:

The GDU100 device has several different configuration modes to show the gear indication and can be used; through a CAN network (CAN 11-bit and 29-bit) and different transmission speeds, through an analog input and also through an entry in a hall sensor or pick-up

For the configuration of the shift lights you can use a CAN network or using the signal of an ignition coil

The GDU100 device is user programmable by using the "CANUSB"¹ interface. Together with the device, a small PC application is provided. This application allows you to perform the programming functions. This utility is available by using the "CANUSB" interface which allows you to send the configuration file from the PC to the device, by using the CAN port in the device.

Basic features and dimensions:

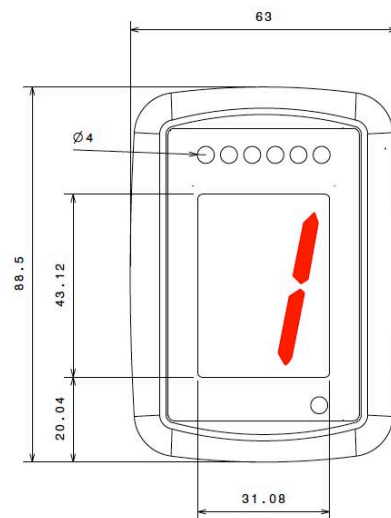
- Operationally supply voltage: from 8 to 24 V
- Nominal supply: 12V
- Electricity consumption (A): < 0.5A
- Functional temperature: -40 to 70 °C
- Weight (gr.): N.D.
- Box material: ABS
- Protection class: IP65

Connection:

- Aerial cable (without connector)

CABLE COLOR	FUNCTION
1 RED	Power +
2 BLACK	GND
3 BLUE	
4 GREEN	
5 YELLOW	Can High
6 ORANGE	Can Low
7 VIOLET	
8 BROWN	
9 WHITE	

Dimensions in millimetres



Specifications:

- Inputs:

- 1 - CAN
Can Baudrate: Selectable between: 250 / 500 Kbps or 1Mbps
Type of CAN termination: 120Ω
Type: Can 11bits and 29 bits
- Range: for 11 bits; from 0x0 to 0x7FF and for 29bits; from 0x0 to 0x1FFFFFFF 1
- 1 - Analógic from a position sensor (0 to 5V)
- 1 - Coil signal (60 Volts màx.)
- 1 - Hall signal



- 1 - Pick-Up signal

- Outputs:

- 1 - 5 Voltage reference

- Leds:

- 2 - Green
- 2 - Orange
- 2 - Red

- Brightness regulation of the leds and the display:

- Automatic previous settings via PC

¹ The interface "CANUSB" is sold separately

Note: Due to constant improvement specs may change without previous advice