



## BRIEF INFORMATION

### Control unit for current monitoring

- For individual function monitoring of LED headlamps and beacons
- Failure indication via status output
- For vehicles with 12 V and 24 V vehicle electrical system voltage
- Connector configuration compatible with ISO 7588-2

## PRODUCT FEATURES

### Application

In order to test LED low beam headlamps or LED beacons, the average energy consumption is determined by continuous measuring of the current. These control units are matched to the HELLA products and enable very reliable monitoring.

### Design and function

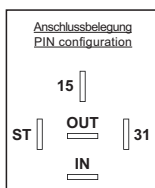
The control unit is connected upstream of the LED headlamp and continuously measures the current consumption in the switched-on state. If a minimum current value is exceeded, the correct function of the headlamp is displayed by a high level at the status output. If it is undershot, the defect of the headlamp is displayed by a low level. Monitoring is only carried out when the ignition and the headlamp are switched on.

# TECHNICAL DETAILS

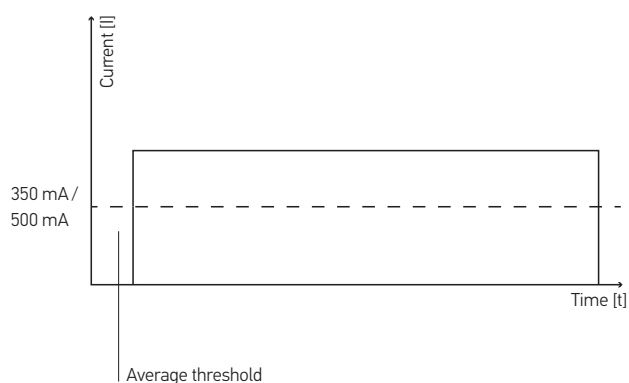
## Technical data

Operating temperature	-40 °C to +85 °C
Protection class	IP 5KX
Connection	Flat connector DIN 46244 A6, 3 x 0.8

## Pin assignment / electrical connection



## Block diagram



# PROGRAMME OVERVIEW

Voltage	Threshold value of load current	Part number
12 V	500 mA	5DS 011 630-001
24 V	350 mA	5DS 011 630-211
24 V	500 mA	5DS 011 630-011