

# Interface module OGS

## Functional description

The interface module OGS is a galvanically isolated interface for programming or reading data from a controller unit by PC or Laptop. The isolation prevents the inputs and outputs of the connected devices from damage caused by surge voltage or varying voltage levels.

## Features

- galvanically isolated communication interface for connection of a PC/Laptop and a controller unit
- Input is USB (USB 1.0 und 2.0 compatible)
- Output is a 4-pin plug
- supply voltage by an external AC-adapter or by the connected controller unit


## Driver software

Please find the driver software of the interface module OGS at the download area of our homepage:

[www.kd-elektroniksysteme.de/support/downloads.html](http://www.kd-elektroniksysteme.de/support/downloads.html)



# Specification - OGS

|                               |   |   |
|-------------------------------|---|---|
| Operating voltage:            | UE: +8...+12V DC, 500mA<br>Wall adapter (6,3mm jack plug)           |  |
|                               | or  |   |
|                               | +5V DC, typ. 200mA<br>provided by the connected controller unit     |   |
| PC-interface:                 | USB (cable: USB-A — USB-B)  |   |
| Output:                       | +5V DC, 250mA<br>power supply for the connected controller unit     |   |
| Communication:                | serial (Rx, Tx, GND)  |   |
| Transmission rate:            | max. 115,2 Kbps   |   |
| Signal-<br>isolation voltage: | Input/Output<br>2.500 Vrms (1min)                                   |   |
| Dimension:                    | 67,0 27,0 91,5 mm (W H D)   |   |
| Type of protection:           | IP20  |   |
| Temperatures:                 | Operating temperature: 0°C...55°C<br>Storage/Shipping: -20°C...70°C |   |

## Ordering information

| Description   | Article number |
|---|----------------|
| Interface module OGS  | 112694         |
| Interface module OGS incl. accessories<br>OGS-SS-cabel 2m Phoenix/Phoenix<br>USB cable 1,80m<br>Wall adapter 12V 6W | 112849         |

### Accessoies

|                                 |        |
|---------------------------------|--------|
| OGS-SS-cable 2m Phoenix/Phoenix | 100610 |
| OGS-SS-cable 2m Phoenix/Molex   | 116711 |
| USB cable 1,80m                 | 111762 |
| Wall adapter 12V 6W             | 111425 |