

## AC-GPS\_Mouse\_uC09-000

## GPS receiver for LG-uCAN09

### Function

- GPS receiver and antenna in a single housing. The GPS mouse will track up to 16 satellites at a time.
- Incoming GPS- data can be displayed on-line in the 2D software Winlt.

### Characteristics

- Easy handling. Direct connection to the logger (Plug & Play)
- No external power supply necessary.
- LED indicator for GPS fix
- An integrated magnet allows simple assembly of all magnetic surfaces
- Low power consumption
- Compact and light weight housing
- Water-/ vibration proof
- In combination with 2D Logger automatic laptime calculation for more than 200 racetracks



\* The red LED is an indicator of GPS positioning status. In continuous power mode, it flashes when the position is fixed. Otherwise it is off.

### Technical specifications

#### Electrical characteristics

Powered by connected logger

Easy interfacing (Plug&Play)..

#### Connections

Connector type..... Binder 712, 4PM

→ refer 2<sup>nd</sup> page for details

#### Mechanical characteristics

Dimensions..... 49 x 41 x 14.1 mm<sup>3</sup>

Weight (with cable)..... 81 g

Housing material..... PVC

Cable.....  
 type..... PUR  
 wire cross section.... 4 x AWG28  
 length..... 1950 mm

#### Environmental

Operating temperature..... -30 to 85 °C

Storage temperature (range).. -40 to 85 °C

Storage temperature (typical). 25 °C

Humidity..... 5 to 95 %

Sealing class..... IP67 (waterproof)

**In combination with a LG-uCAN08 a firmware update of the logger is necessary!!!**

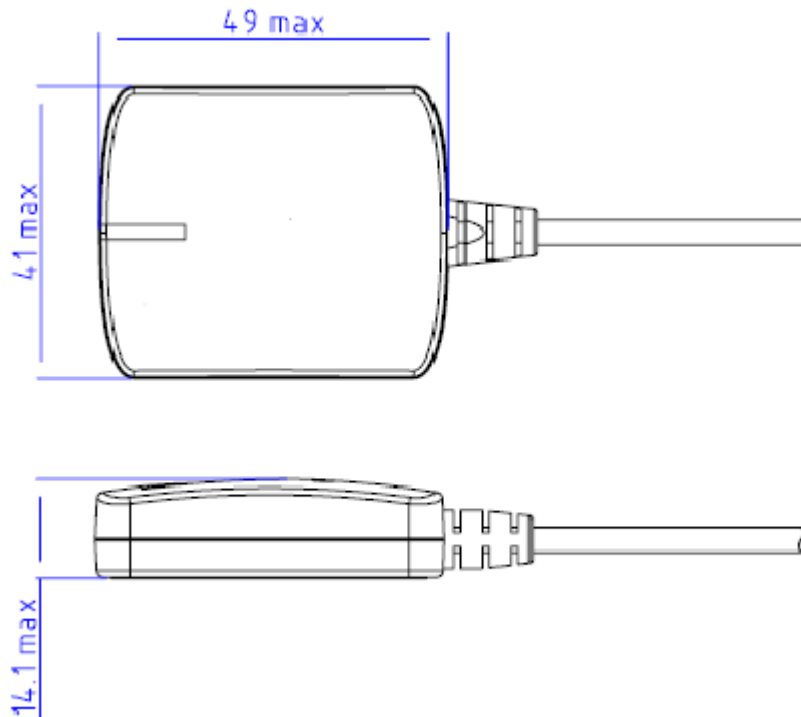
#### Ordering information

Art.No..... AC-GPS\_Mouse\_uC09-000

## AC-GPS\_Mouse\_uC09-000

## GPS receiver for LG-uC09

### Dimensions



### Connector layout

Data Input/Output Binder 712, 4pin	Pin	Description	Color
	1	Data	green
	2	Data	white
	3	Ground	black
	4	Power input	red

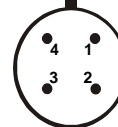
### Connector type

#### Plug at module



Binder 719, 4 PM  
(front side)

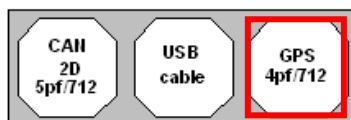
#### Mating plug



Binder 712, 4 PF  
(front side)

### Connection reference

Logger (LG-uCAN09\_xxx) back view



→ Connect with right socket