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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
- 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	Mechanical characteristics		
Powered by connected logger	Dimensions	49 x 41 x 14.1	${\rm mm}^3$
Easy interfacing (Plug&Play)	Weight (with cable)	81	g
Connections	Housing material	PVC	
Connector type Binder 712, 4PM → refer 2 nd page for details	type wire cross section length	4 x AWG28	mm
In combination with a LG-uCAN08 a firmware update	Environmental		
of the logger is necessary!!!	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)

Ordering information

Art.No...... AC-GPS_Mouse_uC09-000

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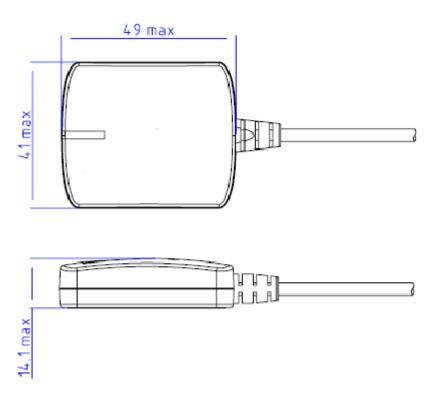


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GPS receiver for LG-uC09

Dimensions



Connector layout

= _	Pin	Description	Color
utpu 4pin			
Ou 2, 4	1	Data	green
Jata Input/Output Binder 712, 4pin	2	Data	white
Inp	3	Ground	black
Jata Ing Binder	4	Power input	red
n n			

Connector type



Binder 719, 4 PM (front side)

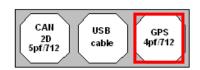
Mating plug



Binder 712, 4 PF (front side)

Connection reference

Logger (LG-uCAN09_xxx) back view



→ Connect with right socket

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