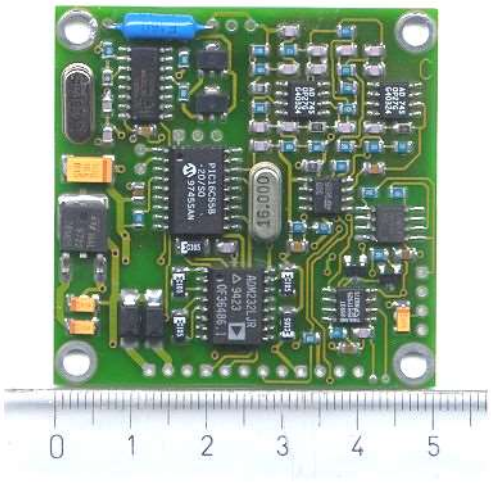
LID 665 OEM-Board



Technical Data:

Dimensions:	50 x 50 x 8 mm
Weight:	ca. 20 g
Antennas:	The antenna field should not be larger than 100 x 100 mm.
Exciter frequency:	125 kHz, 134,2 kHz
Read time:	24 ms
Memory:	6.400 codes or 3.200 codes with date/time
Voltage:	12V/DC linear or 5V/DC +5% linear
Power consumption:	max. 80 mA
Interface:	RS 232/485 (8, n, 1)
Baud rate:	1.200 to 57.600 Baud
Data protocol:	Hex, (ASCII on request)
Outputs:	Digital output (TTL) LED output Buzzer output (5V/DC)
Input:	Trigger Input (TTL)
Options:	Memory expansion 12800 Codes or 6400 Codes with time/date, real-time clock with lithium battery

The LID 665 decodes the following passive transponders:

trovan® unique and flex,
ISO FDX-B, 64 bit ASK, PSK1,
PSK2

The reader decodes the transponders and sends the code to the RS 232/485 interface for further processing.

The OEM-Board is delivered as a module without housing. Optionally an integration in a housing is available.

The reader comes together with a Windows-Software which allows parameter setting as well as memory management.

The reader has an internal memory to store the codes.

With the RS 485 interface also a live monitoring system with up to 32 readers in a network is possible.

The reading distance depends on the size of transponder and antenna.

Electrical interference (e.g. from VGA-Displays, frequency converters, switching power supplies,metal, etc.) and/or bad orientation of the transponder in the field reduce these values.

The optional backplane offers robust screw terminals for all connections to the LID 665 OEM-Board.

A buzzer and a relay output as well as a terminal for the direct connection of an LED is standard with this board.

The back plane serves as a plug in connector for the OEM-Board LID 665.

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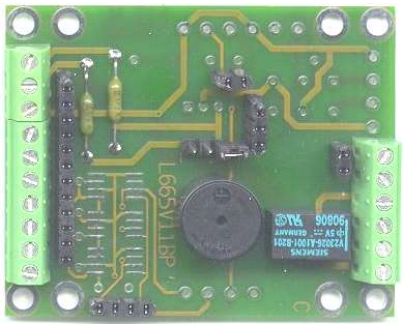
Backplane to LID 665:



Technical Data:

Dimensions:	65 x 50 x 15 mm
Weight:	ca. 25 g
Supply power:	5 VDC
or:	12 VDC
Outputs:	1x TTL,1 x Relay (125 V AC or 150 V DC, 1 A) Buzzer on back plane Connection for LED
Inputs:	1 x TTL
Operating and storage temperature:	0 °C to 70 °C

ANTC100

Technical Data:

Dimensions:	
Inside:	ø 100 mm
Outside:	ø 125 mm
Height:	20 mm
Weight:	ca. 140 g
Protection:	IP 68
Standard Cable length:	4 m

ANT C40

Technical Data:

Dimensions:	
Inside:	ø 40 mm
Outside:	100 x 60 mm
Height:	10 mm
Weight:	ca. 100 g
Colour:	RAL7016, UL94-V0
Protection class:	IP67
Standard cable length:	4 m

More antennas on request

LID 665 in Plastic Housing

Transponder	Reading distance with LID 665 (mm)*	
	ANTC100	ANTC40
ID 100	38	30
ID 200	75	50
ID 400	175	100

* optimal Transponder orientation, no interference, battery use, (may be lower depending on power supply.)

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