

Manual How to run the sensor in normal operation

09 Feb 2023

SMART TECHNOLOGY FOR SMARTER MOBILITY

Introduction

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s) and complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.

2. This device must accept any interference received, including interference that may cause undesired operation of the device

Changes or modifications made to this equipment not expressly approved by Valeo North America Inc. may void the FCC authorization to operate this equipment

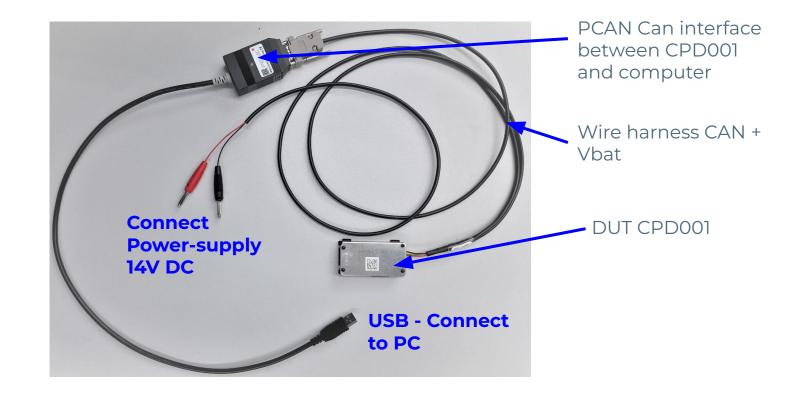
This equipment complies with FCC and ISED radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



CPD001 product and operational description







CPD001 product and operational description Get PCAN running

Install PCAN driver

 Download and install the latest version of the PCAN driver from Peak website: https://www.peak-system.com/quick/DrvSetup





CPD001 product and operational description

Start LPD_Testing_Tool

Open LPD_Testing_Tool_V06.00_x64.exe

- Unzip "LPD_Testing_Tool_V06.00_Audi.zip"
- Connect the DUT via Peak-CAN-interface with the computer
- Open exe

Name	Änderungsdatum	Тур	Größe
Recordings	06.02.2023 10:39	Dateiordner	
Audi_LPD_Tool_Profile.pfl	31.01.2023 16:22	PFL-Datei	2 KB
LiveCharts.dll	20.06.2017 02:26	Anwendungserwei	149 KB
LiveCharts.Wpf.dll	20.06.2017 02:26	Anwendungserwei	213 KB
log.txt	21.03.2023 09:13	Textdokument	2 KB
LPD_Sec_Sign.exe	15.01.2023 15:50	Anwendung	28 KB
LPD_Testing_Tool_V06.00_x64.exe	23.01.2023 15:34	Anwendung	598 KB
Newtonsoft.Json.dll	17.03.2021 19:03	Anwendungserwei	686 KB
PCANBasic.dll	09.02.2021 10:59	Anwendungserwei	413 KB
PCAN-ISO-TP.dll	20.01.2021 13:16	Anwendungserwei	444 KB
PCAN-UDS.dll	24.01.2021 14:45	Anwendungserwei	499 KB
vcfg.template	11.01.2023 16:03	TEMPLATE-Datei	3 KB



CPD Sensor product and operational description Sensing activation

k	LPD Testing Tool (Audi LPD V6.00)	⊎ ـــ ∰
Connection		
LPD Test	Peak USB BUS 1 × Refresh	
Configuration		
EMC Monitoring	Connect Release	
Frames Injection	Audi_LPD_Tool_Profile.pfl	
Playback		
About		
Valeo		

Description

Open the connection tab on the left and press "Connect"



CPD Sensor product and operational description Sensing activation

		LPD Testi	ing Tool (Audi	LPD V6.00)	() 上 美
Connection				Reset	
LPD Test		X, Y, Z	View X, Z View	X, Y View	Xmin Xmax Ymin Ymax Zmin Zmax (m) -0.80 00.80 00.20 01.30 -0.50 01.00
LI D ICST	Software Version : X450	Detection Counter	Frame Counter	Lost Frames	+Z
Configuration	Forbidden Zone : FZ Clear				
EMC Monitoring	LPD Result : Confidence Ratio :				
Frames Injection					a contra
Playback					
	Detection Time (s) : Sensor Temperature : Battery Voltage : 12V				
	· · · ·				
About	Record JSON				
Valeo					

Description

Switch to the LPD Test tab on the left and press "play"



CPD Sensor product and operational description Sensing activation



Example: Baby in the region of the left seat

兼 = 0 LPD Testing Tool (Audi LPD V6.00 Connection Xmin Xmax Ymin Ymax Zmin Zmax (m -0.80 00.80 00.20 01.30 -0.50 01.00 LPD Test +7 Software Version · X450 (-X,+Z) (+X,+Z) Configuration Forbidden Zone : FZ Clear LPD Result : Empty 187.52 Confidence Ratio : 0% EMC Monitorina Playback Detection Time (s): 94.38 -93.76 Sensor Temperature : 40*C Battery Voltage : 12V -187.52 Record JSON (+X .7) About Valeo

Example: An empty vehicle, showing no pointcloud

Description

A pointcloud will be displayed, showing the target position and the confidence ratio for life presence detection on the left





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