

Certificate Holder: ROBERT BOSCH GmbH
Daimlerstr. 6 Gebäude 107/1
71299 Leonberg
Germany

Product Manufacturer: See Certificate Holder

Product Designation: FR5CPEC

Product Description: Front Radar 5 Car Plus Ethernet CAN Sensor



BNetzA-bS-02/51-52

authorized by the German Government to act as Notified Body in accordance with the RE Directive 2014/53/EU of 16 April 2014.

Conformity Assessment:

Essential requirements	Examined documentation	Result
Safety RED, Article 3.1a	Technical documentation including test report	conform
Health RED, Article 3.1a	Technical documentation including test report	conform
EMC RED, Article 3.1b	Technical documentation including test report	conform
Radio spectrum RED, Article 3.2	Technical documentation including test report	conform

EU Type Examination Certificate:

In accordance with Annex III of the European Council Directive 2014/53/EU on radio equipment, our opinion is that this equipment type complies with the essential requirements stated above.

Marking:

The product shall be marked with the CE marking as required in the Council Directive 2014/53/EU.

Annexes:

The certificate is only valid in conjunction with the following number of annexes: 1

Validity:

Conformity is provided unless changes/modifications have been done to the standard and/or assessed type of equipment.

Certificate Registration No.:

T818399F-01-TEC

CTC advanced GmbH

CE 0682

Saarbrücken

Authorized signature / title



Product Characteristics:

Hardware version:	1270.E32.157-02
Software version:	C2 UWE Release 003
Frequency Range:	76.0 – 77.0 GHz
RF-output (eirp):	max. 31.66 dBm peak
Type of modulation:	FMCW
Antenna:	integrated planar antenna array (gain: max. 17.9 dBi)
Temperature range:	-40 °C to +85 °C
Power supply:	7.0 V to 16 V DC (ext.)

Conformity Assessment:

Evaluated test reports

Essential requirements	Examined documentation
Safety	EN 62368-1:2014+AC:2015+A11:2017+AC:2017 -No.: 1-6027/18-02-04 issued by CTC advanced GmbH
Health	EN 62311:2008 -No.: 1-6027/18-02-05 MPE issued by CTC advanced GmbH
EMC	Draft EN 301 489-1 V2.2.0 Draft EN 301 489-51 V2.1.0 -No.: 1-6027/18-02-03 issued by CTC advanced GmbH
Radio spectrum	EN 301 091-1 V2.1.1 EN 303 396 V1.1.1 -No.: 1-6027/18-02-02 issued by CTC advanced GmbH

Miscellaneous:

TD according to the application