



# BODY ELECTRONICS: MOTOGUARD

## MOTOMETER

*powered by solutions*

### EU-accreditation

and 74/61 EWG;  
95/56 EG conform



MOTOGUARD can perfectly be used as immobiliser for vehicles of every description.

As car theft and unauthorised initiation of vehicles

occur again and again the MOTOGUARD offers an effective and low priced possibility to protect your vehicle fleet against access without permission.

### IVEKA Automotive Technologies Schauz GmbH

Talweg 8 | 75417 Mühlacker-Lomersheim/Germany

Phone +49 7041 9695-0 | Fax +49 7041 9695-55 | E-Mail [info@iveka.de](mailto:info@iveka.de)

[www.IVEKA.de](http://www.IVEKA.de)



# BODY ELECTRONICS: MOTOGUARD

The electronic immobiliser MOTOGUARD communicates via CAN-bus.

The identification of authorised drivers is effected by car key. As a data medium the car key also saves different vehicle data, e.g. mileage, service intervals and vehicle configuration.

A programmable transponder which is integrated in the key enables the digital data storage.

MOTOGUARD protects your fleet even against vehicle manipulation (e.g. motor tuning).

## Electrical Specifications

Voltage range:	5 – 32 V
Nominal voltage:	12 V / 24 V
Temperature range:	-40 °C up to +85 °C
Current consumption antenna active:	typ. 80 mA
Current consumption antenna inactive:	typ. 20 mA
Stand-by current (clamp 30):	max. 1 µA (cl. 15 off)
Control cable:	5 pin. Super-Seal (manufacturer: Tyco)
CAN-bus interface:	Full CAN 2.0B active
CAN-bus speed:	100 kbit/s – 1 Mbit/s

## RF-Module

Transponder-Typ:	TIRIS (Texas Instruments)
Transfer frequency:	typ. 134,2 kHz
Coding:	FSK
Range:	typ. 4 cm

## Housing

Plastic housing

## Installation

We may offer you our MOTOGUARD with an electronic that makes it compatible to all standard ignition switches.

## Additional Interfaces

e.g. LIN, I2C, NRZ, etc.

Additional interfaces are available on request.

All data subject to technical changes.

## IVEKA Automotive Technologies Schauz GmbH

Talweg 8 | 75417 Mühlacker-Lomersheim/Germany

Phone +49 7041 9695-0 | Fax +49 7041 9695-55 | E-Mail [info@iveka.de](mailto:info@iveka.de)

[www.IVEKA.de](http://www.IVEKA.de)