



TACHOGRAPHS: Speed Limiter GBA2

MOTOMETER

powered by solutions

The speed limiter MOTOMETER GBA2 is designed for universal installation in all commercial vehicles and buses with or without an electronic gas pedal. Individual maximum speed settings of 35 to 120 km/h based on local ordinances or statutory regulations can be achieved at low time and effort.

In vehicles that do not have an electronic gas pedal the MOTOMETER GBA2 resets the adjusting lever of the injection pump when the maximum speed is exceeded, regardless of the position of the gas pedal – and thus restricts the injection pump.

Alternatively, when the speed needs to be adjusted downward in vehicles that have an electronic gas pedal, the MOTOMETER GBA2 prevents the signal that the electronic gas pedal is moving, from reaching the potentiometer.

Advantages

- Lower operating costs through
 - reduced fuel consumption
 - less wear (motor, tires, brakes)
- Reduced CO₂ and NO_x emissions
- Improved traffic safety
- Increased driving comfort
- Compliance with EEC Directive 92/24
- Affordable system
- Simple and inexpensive to install

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Technical Data

SERVOMOTOR

- Operating temperature: -40 °C to +140 °C
- Storage temperature: -40 °C to +90 °C
- Gear ratio: 732:1
- Maximum torque: 15 NM
- Operating voltage:
 - directly from the battery 10 to 32 VDC
 - via control electronics 10 to 32 VDC
- Mechanical motion: 20 to 50 mm
- Output current: 1.0 A
- Operating time of the total control range: < 2 seconds
- Vibration proof in accordance with: 92/24 EEC
- Lifetime (double stroke): > 800,000
- Resistance to climate conditions: 93 % ± 3 %

CONTROLLER

- Operating temperature: -30 °C to +90 °C
- Storage temperature: -40 °C to +90 °C
- Output current: 1.0 A
- Deceleration setting range: 35 to 120 km/h
- Short-circuit proof
- Outputs short-circuit proof
- Integrated connector for testing and calibration
- Tamper-proof seal according to EC standard for control devices

Model Overview

MOTOMETER GBA2 - for installation in vehicles without electronic gas pedal
Part No. 664.512.1002

MOTOMETER GBA2 - for installation in vehicles with electronic gas pedal
Part No. 664.512.1012



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