

# Pedal Interface II

Cruise control and speed limitation in one.

## Technical specifications for control unit

General:	VInverse polarity and overload protection
Nominal voltage:	12 V and 24 V
Operating voltage:	8 V to 32 V
Operating temperature:	-40 °C to +85 °C (in acc. with IEC 68-2-38)
Protection class:	IP 44 (must be installed inside vehicle)
Vibration and temperature tests:	IEC 68-2-36, IEC 68-2-14
Standards:	Complies with EU Directive 95 / 54 (EMC), tempostat® function approved by German Technical Test Centre for Motor Vehicle Transport
Diagnostics:	RS 232 Interface for diagnostics
Inputs and outputs:	33
Configuration and test tool:	Via dongle with USB interface

## Accessories

Control stalk  
Clutch switch

## Installation and diagnostics equipment

Configuration software and interface (dongle)

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The information provided in this brochure contains only general descriptions or performance characteristics, which do not always apply as described in case of actual use or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract. We reserve the right to make changes in availability as well as technical changes without prior notice.

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**SIEMENS VDO**

# Mobility shapes our life – moving ahead is our passion

Our passion for mobility helps us attain new goals, make progress, and push back boundaries. Mobility is freedom – and for us, as a worldwide supplier of mobile technology, it is both our vision and our fascination. Enthusiasm for state-of-the-art vehicles and technological possibilities unites our employees across geographic and linguistic boundaries.



## Enjoy greater safety and comfort.

As traffic situations become ever more complex and people spend more time in their cars, comfort and safety features are moving up the list of priorities. By easing some of the strain of driving, these features allow drivers to focus on the road and arrive feeling more relaxed. This trend is reflected in the increasingly sophisticated equipment installed in new vehicles, as well as the growing desire to upgrade vehicles where no factory-fit solution is provided.

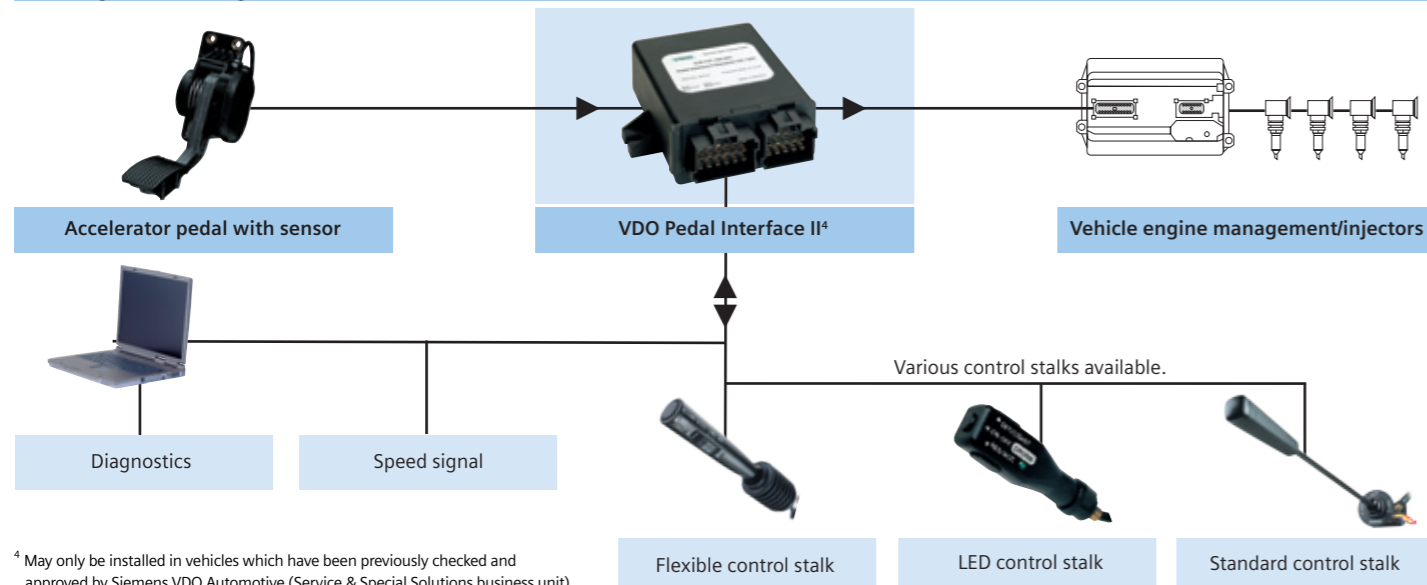
The VDO brand is synonymous with customised solutions that handle sophisticated technical tasks while fulfilling customer requirements and offering maximum ease of operation. Pedal Interface II conveniently combines cruise control and speed limitation in one.

## Attractive opportunities for customised retrofit solutions.

The demand for practical, easy-to-retrofit additional equipment such as cruise control and speed limitation is growing, particularly in the small and mid-sized car market segment. Pedal Interface II can be installed cost effectively in all vehicles featuring electronic engine management. The system delivers greater comfort and

lower fuel consumption by allowing smoother driving styles and increases safety by aiding compliance with speed restrictions. Three different control stalks are available to suit every requirement.

### Configuration Diagram



<sup>4</sup> May only be installed in vehicles which have been previously checked and approved by Siemens VDO Automotive (Service & Special Solutions business unit).

### Pedal Interface II in detail

#### Functions

- \_ Flexible speed pre-selection and control
- \_ Chosen speed can be maintained without needing to operate the accelerator pedal
- \_ Easy function for resuming preset speed
- \_ Variable limitation of maximum driving speed between 30 and 200 km/h (approx. 20 – 125 mph)
- \_ No unwanted acceleration above a selected speed limit
- \_ Easy operation via multifunctional control stalk

#### Benefits for your customers

- \_ Easier compliance with speed limits, e.g. on country roads or through motorway roadworks
- \_ Maximum ease of operation due to multifunctional stalk
- \_ Fuel consumption reduced due to consistent speed
- \_ Three ways to instantly deactivate the feature via control stalk, brake pedal or clutch

#### Benefits during installation

- \_ Dedicated training to ensure optimal installation
- \_ Vehicle-specific parameters possible via the PC-based configuration manager
- \_ Easy to set functions using special software
- \_ Meets European safety standards
- \_ Option of choosing various different control stalks

<sup>1</sup> Applies to vehicles with diesel- and gas engines (88/77/EEC) registered between 1 January 2001 and 31 December 2004.