

### B 20a "Speeding" Control



### Basic Information

This speeding signalisation equipment is used for warning drivers that they are speeding over the maximum speed limit in the controlled road space. The information is provided via flashing in the illuminated traffic sign with the B20a "Maximum speed permitted" symbol. The equipment is used in dangerous or enclosed road spaces, e.g. ahead of a pedestrian crossing in a steep downgrade, or in transit communications through communities where there is a speed limit.

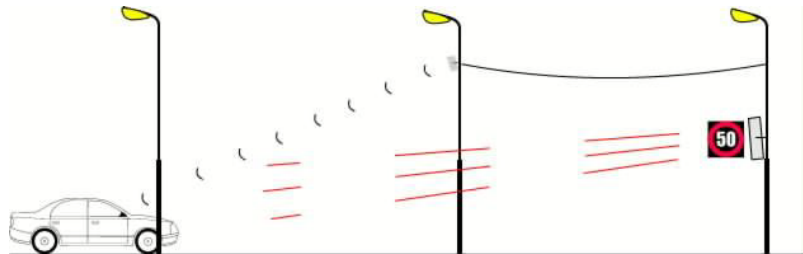
### Technical Description

The equipment for providing information on "Signalling over-limit speeding on land communications" consists of two blocks. The indication block is the radar equipment for measuring the speed of motor vehicles passing through. The second block consists in the B20a "Maximum speed limit" created by LED elements on the black background showing the maximum speed limit. These two blocks intercommunicate either through a cable connection, or it is possible to use wireless communication via a transmitter and receiver. When the radar identifies speeding over the maximum speed limit, the symbol on the sign, located at the respective distance behind the radar in the driving direction, starts flashing for an adjustable time period of ca. 5 to 60 seconds. Thus, the driver is warned that he/she is driving faster than the maximum speed limit allows.

The sign is equipped with control electronics, a power supply and an accumulator for feeding from the public lighting system, or without an accumulator for feeding from the 230 V / 50 Hz mains. The sign matrix is black to highlight its appearance while the illuminated symbol is flashing. The sign is inoperable in the idle state, so as not to be perceived by drivers as a regular traffic sign. The sign flashing just for a short time period increases its psychological effect.

The whole set is supplied with electricity either from the 230 V / 50 Hz mains, or from the accumulator in locations without permanent 230 V / 50 Hz but where the public lighting system is available for nightly charging of the accumulator so that it can feed the whole set during the daily operation.

### Installation Solution Situation Example



### Radar Positioning

The radar and the sign can be advantageously fixed on the public lighting system poles. Every application must be resolved individually by a project taking into account local conditions, the optimal way of feeding, and the kind of communication between the radar and the sign.

### Contact

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