

## VARIABLE SPEED AND DIRECTION INDICATOR PUR

- High reliability and a very long service life of the light source (LED)
- Excellent visibility – outstanding readability of the signal aspect
- Optimum day/night intensity
- Large active indicator area
- The possibility to display any signal aspect
- Low energy consumption
- Low cost
- Long service life



### General Description

Indicators with LEDs supplement the main, shunting or humping signals, but in some cases they can also be installed separately.

They are designed to indicate signal aspect or its part.

They can indicate 1 up to 4 signal aspects. The colour of these signal aspects can differ.

Variable speed and direction indicator can be installed on mast and can-

tilever signals in configurations with AŽD signal lamps. Variable speed indicator can be combined with other elements of AŽD light signals.

### Basic Technical Description

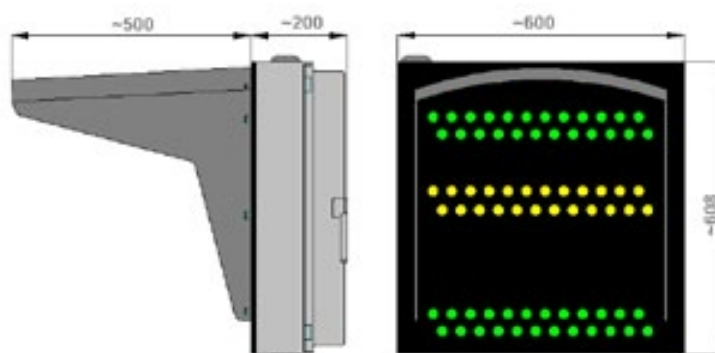
The variable speed and direction indicator is constructed as a lock-able box made of aluminium alloy. On the front panel the holders of the LEDs which form the signal aspect are situated. Displayed signal aspect is formed by shining points which are assembled with three high luminous LEDs as a source of light.

LEDs position guarantees outstanding signal aspect visibility from different angles and distances. Electronic control device provides reliable and fail-safe function of indicator.

The exterior of the front panel box is covered by a transparent plastic screen with black mat foil. Each signal aspect has a separate power supply which can be modified according to the customer's need (e.g. 12V).



PUR indicator fixed to signal

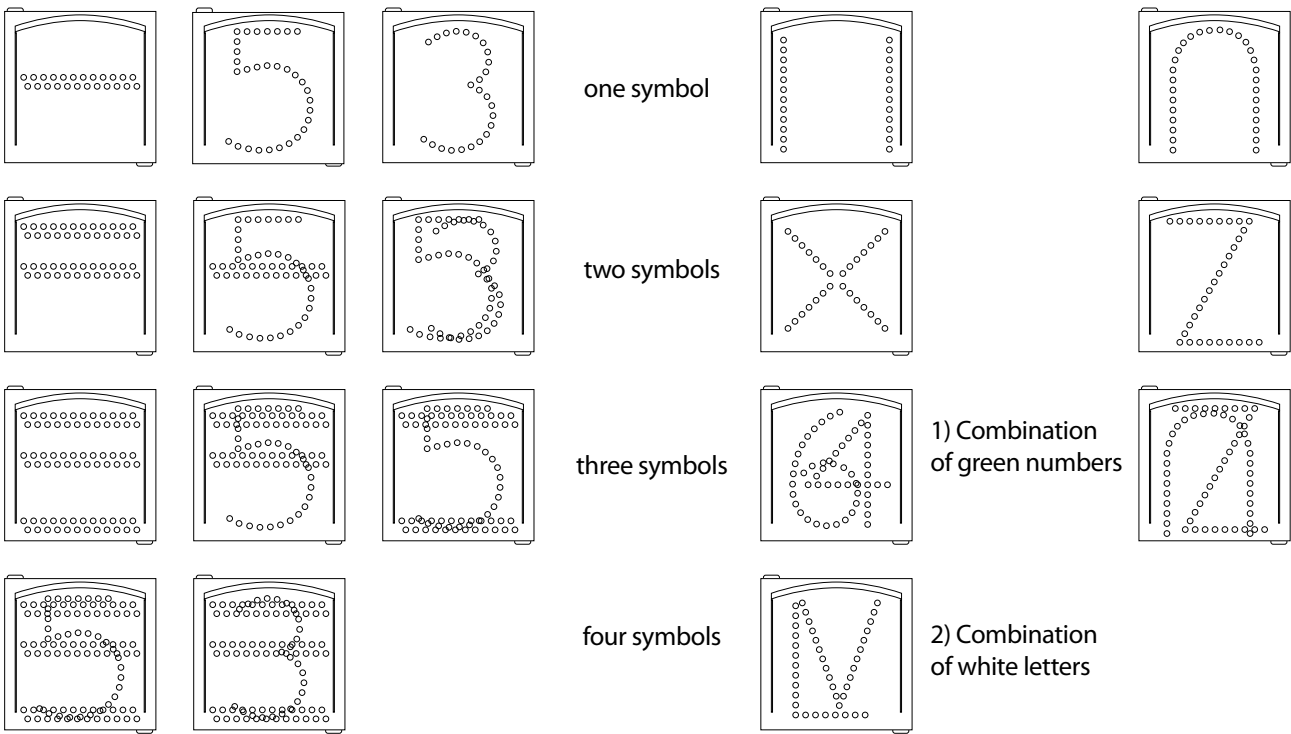


Dimensional sketch



### Basic Technical Parameters

Operating voltage range	day	230 V±10%, 50 Hz
	night	150 V±10%, 50 Hz
Current output		80 to 110mA
Signal light chromaticity		green, yellow, white, red
Visibility		250 m
Insulation resistance		min. 50 MΩ
Resistance against attached AC voltage		4 kV
Cover rating		IP 44
Working temperature range		-40 to +70 °C
Main dimensions including shade (w × h × d)		600 × 608 × 700 mm
Weight		25 kg



Variants of symbols display