



INTERSECTION OUTDOOR EQUIPMENT

- **Unified line of light signals**
- **Polycarbonate version with no maintenance**
- **Induction loops and movement infrared detectors**
- **Pedestrian pushbuttons**
- **Masts**

Signals

Signal lamps are offered in two versions based on bulb or LED technology in two variants according to a size – either 210 or 300 mm diameter, if requested by a customer the signal lamp with 100 mm f.e. diameter including cycling symbols can also be supplied. In basic version lamp boxes are fitted by colour filters of the „web mesh“ pattern. For special purpose other two types of colour filters with specific forming of a light beam can be used.

If there is a danger of a phantom effect colour filters can be supplemented by a special anti-phantom filter produced in white or black version (anodised aluminium).



Contrast frames for signals are designed for locations with an increased probability of a poor signal visibility. The frames are made of black PVC 4mm thick with reflective 3M foil strap on the perimeter.

Standard design of the light source including the signal bulb can be replaced by a modern and energy saving variant using LED technology. Lights equipped by semi-conductor light source are characterised by significantly longer lifetime, minimum maintenance requirements and highly uniform luminous intensity of electroluminescence diodes.

Signals are produced and used in the compliance with road traffic regulations and with agreement of the Ministry of Transport of the CR.

Transport Detectors

For dynamic traffic control, strategic traffic control and for acquiring further traffic information different types of detectors are used. Most frequently proposed are induction loops, video-detection and microwave detectors.

Pedestrian Pushbuttons

Pressing the pedestrian pushbutton activates the green light for pedestrians and red for cars. For blind



pedestrians, the pedestrian pushbutton can be connected to acoustic signalling.

The pushbutton is usually installed at pedestrian crossing on the signalling mast in a small box together with the bulb of the light signal with „Wait“ sign.

Masts

Masts are supporting structures used for mounting of one or more traffic lights for cars, signals for a limited group of participants (for pedestrians, street cars and cyclists) and for fitting mast terminal strips. Some wayside controller fixtures, certain types of traffic signs and also other elements can be also attached to masts.

