

Extensible Pole



Extensible Poles Uses

- Pedestrian zones
- Traffic lanes for buses
- Approach roads to parking sites
- Securing facilities

Technical Description

- IP57 protection level
- Device operation temperature -25°C up to +45°C
- Supply voltage 230 V / 50 Hz
- Protection against dangerous touching of dead parts is done in accordance with CSN 332000-4-41 by automatic disconnection from the source supplemented by the current protector protection.
- The extensible pole is finished with a special coating
- The upper section of the extensible pole is furnished with a reflective strip, which ensures it is visible under reduced illumination, or with an optical signalisation on the pole's lid equipped with 9 LED diodes
- Acoustic signalisation for pedestrians, which indicates extension 3 seconds before and during extending
- In front and behind the extensible pole, there are located induction loops that work as safety elements and, at the same time, secure the automatic extension of the pole according to the given control mode
- No hydraulic elements or media are used, therefore, no ecological disaster is threatening.

Function

- The device is operated through chip cards, remotely or locally, with the time or key switch
- During power supply failure, the pole automatically retracts and after the mains supply is resumed the pole returns to the condition given by the remote or time setting
- Conditions and events are regularly recorded in a register maintained in the remote control system
- Data security and archiving – treatable standard archives, e.g. operation messages book, failure messages book
- Servicing and regular inspecting are recommended at intervals stipulated by the device manufacturer.



Master (Control) Pole

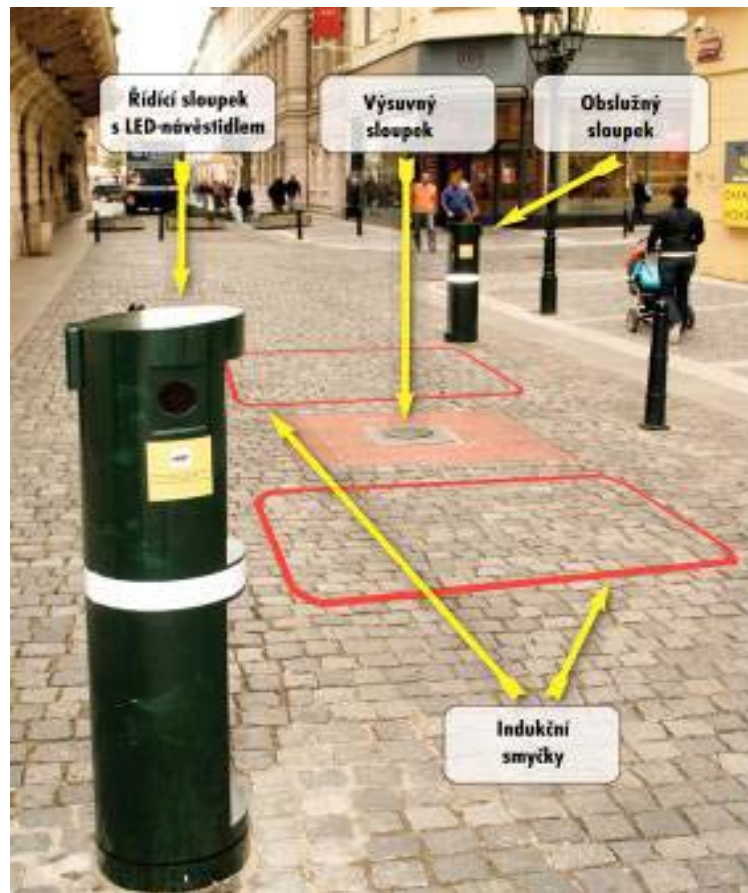
- This pole is designed for controlling extensible poles
- The pole is finished with a special anti-corrosive paint in the colour tint required by the customer
- All the technological parts of the pole are closed and ensure faultless operation at various conditions of the ambient environment
- The pole may be furnished with a contact-less reader of chip cards, the INTERCOME unit for intercommunication, the key switch of the extensible pole direct control, the red LED signalisation, electric equipment and transmission elements as per the given configuration.

The whole pole technology is well tried and noted for its high-quality workmanship, reliability, and safety. It is beneficial with its professional usability and economic payoff because the cost for maintenance and repairs is minimal. At the same time, it does not release any emissions into the air. In the event of power failure, it automatically returns into the basic (lower) position without any intervention from the outside.



A camera may continuously monitor the site with extensible poles with data transmission over an optical cable to the control site, including recording on its evaluation and archiving.

Legend: Řídicí sloupek s LED návěstidlem – Master Pole with LED Signal device; Výsuvný sloupek – Extensible Pole; Obslužný sloupek – Service Pole; Indukční smyčky – Inductive loops



Certification

The Electrical Testing Institute in Prague certified the device equipment (Certificate No. 1070546 and 1070547).

Contact

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