

## **PRESS RELEASE**

*For immediate publication!*

### **Robust and reliable: the new Langmatz basicguide**

**The perfect signal requesting device for any traffic light system**

*Garmisch-Partenkirchen, XX April 2018* – Looking back: Langmatz developed the first traffic light signal transmitter for the blind back in the seventies. Further ground-breaking products from the patent forge in Garmisch-Partenkirchen followed. In the new basicguide EK 524, Langmatz has launched a new traffic control button which meets many requirements of local authority planners and signal engineering companies, while offering excellent value for money at the same time. The basicguide was designed as a signal requesting device for traffic light systems for pedestrians and the visually impaired. Thanks to its design, it works in all weather conditions and is especially robust against external influences and vandalism.

#### **Operational with universal voltage and multi-functional**

The EK 524 basicguide is a signal requesting device for pedestrians and visually impaired people with pre-defined standard settings. The device operates with universal voltage (20 to 253 V), meaning it can be used with any traffic light system. Two options can be selected for operation by pedestrians: They can either request the signal by pressing a large push-button with an isolated micro switch or by means of a capacitive sensor based on the principle of dynamic measurement. Further, the device can be set for visual feedback with a flashing function.

The sensor detects changes in its range, such as a layer of ice or dirt, and adjusts itself accordingly. The advantage: The self-regulating resonant circuit does not trigger a continuous request. It is therefore totally reliable, regardless of weather conditions and even if the user is wearing gloves. The device also features a tactile crossing signal – a pulsed vibration – ideal for the visually impaired. This prevents pedestrians from confusing the crossing signal with other factors, such as structure-borne vibration in the pole caused by traffic.

### **Easy to install and protected against vandalism**

The traffic light button is suitable for all commonly used pole diameters and is easy to install. It can be installed without removing the vibration unit. Existing drill holes in the pole can often be reused when replacing already installed devices. In addition, they have colour-coded connection wires with dedicated functions for ease of installation. Once installed, the basicguide is extremely resistant to vandalism due to its high mechanical strength and stainless-steel protection. It operates reliably in a temperature range of -25 to +60 degrees Celsius. Approved by all major signal engineering firms, it is compliant with DIN 32981 (10.2016), EN 50293, IK10 and IP54.

Used in conjunction with the Langmatz EK 98 acoustic signalling device, it provides orientation sounds and/or crossing signals that adapt to the traffic noise. Both as a sensor and push-button, the new Langmatz basicguide offers a particularly robust solution conforming to relevant standards.



[www.langmatz.de](http://www.langmatz.de)

*In the event of a publication, we would be delighted to receive a copy. Thank you!*

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