Signal devices with USB interfaces

Many fields of application require operating statuses or faults to be displayed by an optical signal. As a PLC or machine control system is not always available, PCs are frequently used for system control and monitoring. Examples include cash register systems or call centres.

The ideal solution here is to use the terminal element with USB port. This useful terminal is available for signal tower series KombiSIGN 71, 72 and 40. Developed in-house at WERMA, this innovative product allows direct PC actuation for fast and convenient commissioning.

KombiSIGN 71 + 72

Terminal element	
Dimensions (Ø x Height)	70 mm x 36 mm
Protection rating	IP 65
Fixing	Tube mounting
Power supply	Via USB (5 V DC)
Voltage	24 V DC
Current carrying cap. Σ Imax	90 mA at 24 V
Life duration	Up to 50,000 h
Assembly	Demo software, driver, handbook and USB connection cable (1.8 m long), System requirements see handbook
Terminal element	**640 840 00**
Pre-configured signal tower (green, yellow, red)	**649 000 05**

Accessories*

Base with integrated tube Ø 25 mm, plastic

Base for tube, Ø 25 mm, metal

Tube Ø 25 mm, all anodised aluminium, 100, 250, 400, 600, 800, 1000 mm long

KombiSIGN 71 (red, green, yellow, white, blue)

Permanent light element

LED Permanent light element

LED Permanent light element ultrabright

Flashing light element (Xenon)

LED Flashing light element

LED EVS element

LED Blinking light element

LED Rotating light element

LED Permanent light element multicolour

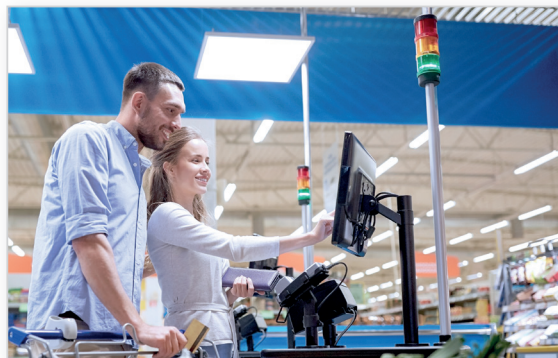**KombiSIGN 72 (red, green, yellow, white, blue)**

TwinLIGHT (Permanent/Blinking light)

TwinFLASH (Flash/EVS)

Benefits

- Direct triggering of signal tower elements via USB Interface
- Actuation via DLL (Dynamic Link Library) or VCP (Virtual-COM-Port)
- Simple integration into any customer-specific software
- No additional power supply or hardware necessary
- Up to five signal towers with a maximum of five tiers each can be connected
- They can be directly connected and are ready for immediate use (plug and play)
- Maximum cable length 5 m

Typical applications

Automated check-out systems

The LED beacon Multicolour is capable of signalising anywhere where a PC with a USB interface is available, whether in the measuring technology field, in cash register systems, vending machines or in the private or industrial sector.

The beacon is simply attached to the USB 2.0 or 1.1 interface of a PC with a Windows or Linux operating system. Following the installation of the driver the beacon can be simply controlled as a serial interface.

LED Beacon Multicolour (PG29)

Dimensions (Ø x Height)	75 mm x 66 mm (Protrusion from panel))
Fixing	Installation mounting for Ø 37 mm, Base and Wall mounting (accessories)
Protection rating	IP 65
Power supply	Via USB
Colour options	More than 200,000 colours (RGB LED)
Voltage	5 V (USB-Connection)
Current consumption	≤ 500 mA
Life duration	Up to 50,000 h
Assembly	Demo software, driver, handbook and USB connection cable included (1.8 m long), System requirements see handbook
Order no.	**816 480 53**

CE   UKCA   EAC   +50°C / -20°C   20J

Accessories*

Tube adaptor
Base with integrated tube, Ø 25 mm, 110 mm long, plastic
Base for tube mounting
Base for base mounting
Tube Ø 25 mm, all anodised aluminium, 100, 250, 400 mm long
Anti-twist device
Surface housing IP65 for 1, 2, 3 or 4 Installation Beacons

Benefits

- Direct triggering of LED beacon via USB Interface
- Actuation via DLL (Dynamic Link Library) or VCP (Virtual-COM-Port)
- Simple integration into any customer-specific software
- No additional power supply or hardware necessary
- They can be directly connected and are ready for immediate use (plug and play)
- Maximum cable length 5m
- A wide range of colours and light effects can be quickly and simply programmed by the customer and altered at any time.

Typical applications

Inspection stations in the manufacturing department

You can find further accessories online at www.werma.com or in our catalogue.

*Order no. can be found at www.werma.com or in the catalogue.

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