SIGNAL TOWER
WS-Ad

Technical data:

Supply voltage	18..32 V DC
Current consumption at 24V DC Optical module (single colour) Sound module	0 mA in the standby mode 10 mA ver. with a sound mod. <90 mA 25 ÷ 110 mA (depending on the signal type)
Sound output at 1m, (dependent on the acoustic signal model)	operation in the full volume mode: Min >88 dB Max >99 dB operation in the reduced vol. mode: Min >69 dB Max >82 dB
Range of working temperatures	-10°C ÷ +55°C
Pollution degree	3
Ingress protection	for the version with a sound module IP54 for the version without a sound module IP65
Max. conductor cross-section	2,5 mm^2
Housing	plastic
Weight (5 colours+acoustic module)	~570 g

Product description:

- Five different visual signals.
- Five different acoustic signals.
- Two-stage adjustment of sound volume.
- Volt-free control.
- Robust design; change of colour not supported.
- Mounting type - straight or angular.
- Custom-made version may be provided upon request (e.g. with all colours set to red).

Connection diagram:

Signal 1 - Increased frequency from 400 Hz to 1300 Hz during 1 s
Signal 2 - Frequency 2850 Hz, serially 60 ms of sound, 120 ms of silence
Signal 3 - Constant sound 300 Hz
Signal 4 - Serially sections of 0.5 s with the frequency of 800 Hz, 700 Hz
Signal 5 - Frequency 3 kHz, 3 bundles of pulses with the time duration of 32 ms each one (sound and silence of 16 ms) separated with the silence of 0.5 s, and then 1.5 s of silence