

SIGNAL COLUMN KS-Ad



Technical data:

Supply voltage	20...30 V DC
Current consumption at 24V DC	
In the standby mode	<40 mA
Optical module	<30 mA/colour
Acoustic module	50-250 mA (depending on the type of acoustic signal)
Ingress Protection	version with sound module IP54 version without sound module IP65
Weight (5 colours + acoustic module)	~600 g
Sound output at 1m (depending on the type of audible signal), for the voltage of 24 V DC	min >85 dB max >95 dB
Range of working temperatures	-10°C ÷ +55°C
Voltage range in inputs COLOUR1...COLOUR5	0...10 V DC
Max. wire cross-section	2,5 mm ²
Housing	plastic
Housing colour	black
Assembly method	straight or angle mount
Working environment	indoor

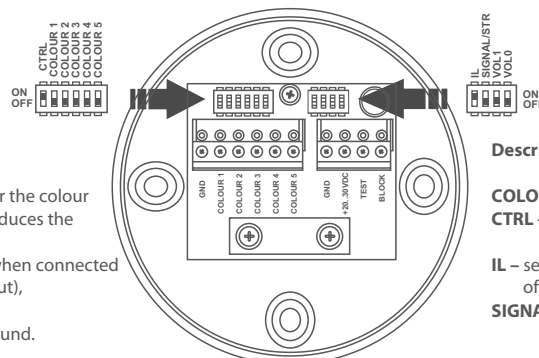
Product description:

- Five different visual signals.
- Five different acoustic signals.
- Four-stage adjustment of sound volume.
- Analogue, resistor- or transformer-based volume control.
- Volt-free control
- Digital control.
- Auto-test of signal column circuits.
- Sound lock function.
- 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:

Description of inputs:

KOLOR1...KOLOR5 – controlling input for the colour
TEST – test input (giving the ground introduces the tower into the testing mode),
BLOK – input of acoustic signal lockout (when connected to gnd, acoustic signal is locked out),
VCC – supply voltage input +20...30 V DC,
GND – double input of supply voltage ground.



Description of microswitches:

COLOUR 1...COLOUR 5 – selection of the input configuration,
CTRL – selection of the controlling type for inputs: analogue, volt-free or digital,
IL – selection of the option "Irregular light" – the option of irregular light,
SIGNAL/STR – selection of sound type for the red light, additional optical signal (version without an acoustic module),
VOL1 – selection of volume degree (four-level control),
VOL0 – selection of volume degree (four-level control).