

# TL50ALS

## Multifunction Display – Acoustic Signaller

### Technical data

Type	TL50ALS
ID	3095795
Purpose	LED indicator light
Function	Tower light
Dimmable	No
Acoustic signal	Continuous tone, 94 dB
<b>Electrical data</b>	
Operating voltage	18...30 VDC
DC rated operational current	≤ 45 mA
Operating voltage	21...27 VAC
Max. current consumption of beeper	35 mA
Input type	Bipolar (PNP/NPN)
Response time typical	< 10 ms
<b>Mechanical data</b>	
Cascadable	No
Design	Smooth barrel, TL50
Dimensions	Ø 50 x 93.4 mm
Housing material	Plastic, ABS, Black
Window material	Plastic, diffuse
Electrical connection	Cable, 2 m, PVC
Number of cores	4
Ambient temperature	-20...+50 °C
Relative humidity	0...95 %
Protection class	IP67
<b>Tests/approvals</b>	
Approvals	CE, UL listed



### Features

- Plastic housing, black
- EMI and RFI immune
- Protection class IP67
- Cable, 2 m
- Operating voltage: 18...30 VDC or 24 VAC with 45 mA per LED color
- Inputs: PNP/NPN
- Beeper: Sealed, continuous tone max. 94 dB

### Functional principle

The TL50 tower lights provide highly visible status indicators and a clear user guidance within the entire system. They can be assembled from varicolored LEDs and are available with or without beeper. You can mount them directly on machines, in the cabinet or in locations to be monitored within the production lines.

The wiring diagram shows a PNP pin assignment.

There are 10 colors available blue (B), green (G), red (R), yellow (Y), white (W), turquoise (T), orange (O), violet (V), sky blue (S) and magenta (M), which specify the light sequence from bottom to top in the type code of the tower light. Example: TL50GYRQ, colors green, yellow and red arranged from bottom to top.