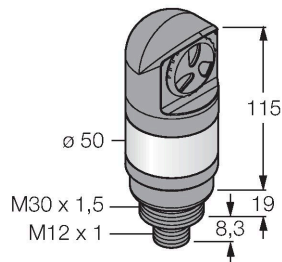


# TL50BALSQ

## LED Indicator – Tower Light



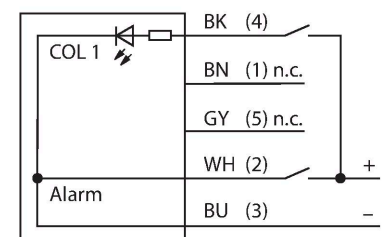
### Technical data

|                                    |                              |
|------------------------------------|------------------------------|
| Type                               | TL50BALSQ                    |
| ID                                 | 3093775                      |
| Signal and display data            |                              |
| Purpose                            | LED indicator light          |
| Function                           | Tower light                  |
| Light type                         | Blue                         |
| Dimmable                           | No                           |
| Features of color 1                | Blue, Permanently on, 4.5 lm |
| Acoustic signal                    | Continuous tone, 94 dB       |
| Electrical data                    |                              |
| Operating voltage                  | 18...30 VDC                  |
| DC rated operational current       | ≤ 45 mA                      |
| Operating voltage                  | 21...27 VAC                  |
| Max. current consumption per color | 45 mA                        |
| Max. current consumption of beeper | 35 mA                        |
| Input type                         | Bipolar (PNP/NPN)            |
| Response time typical              | < 10 ms                      |
| Mechanical data                    |                              |
| Cascadable                         | No                           |
| Design                             | Smooth barrel, TL50          |
| Dimensions                         | Ø 50 x 142.5 mm              |
| Housing material                   | Plastic, ABS, Black          |
| Window material                    | Polycarbonate, diffuse       |
| Electrical connection              | Connector, M12 × 1, PVC      |
| Number of cores                    | 4                            |
| Ambient temperature                | -20...+50 °C                 |

### Features

- Plastic housing, black
- EMI and RFI immune
- Protection class IP67
- M12 x 1 male
- Monochrome: Blue (COL 1)
- Operating voltage: 18...30 VDC or 24 VAC with 45 mA per LED color
- Inputs: PNP/NPN
- Beeper: Sealed, continuous tone max. 94 dB

### Wiring diagram



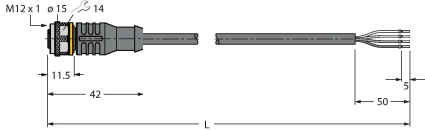
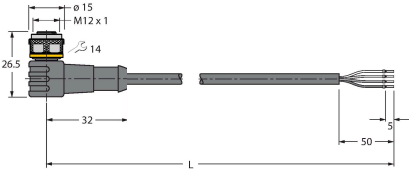
### Functional principle

Monochrome multifunction acoustic signaller  
Rugged and well-priced LED tower, easy to install  
Illuminated segments for clear operator guidance and display of system status  
Displays up to 5 colours  
Compact devices, no controller required  
No mounting  
The wiring diagram shows a PNP pin assignment

Technical data

|                   |               |
|-------------------|---------------|
| Relative humidity | 0...95 %      |
| Protection class  | IP67          |
| Tests/approvals   |               |
| Approvals         | CE, UL listed |

Accessories

| Dimension drawing                                                                  | Type          | ID      |                                                                                                                         |
|------------------------------------------------------------------------------------|---------------|---------|-------------------------------------------------------------------------------------------------------------------------|
|   | RKC4.4T-2/TEL | 6625013 | Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval |
|  | WKC4.4T-2/TEL | 6625025 | Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval   |