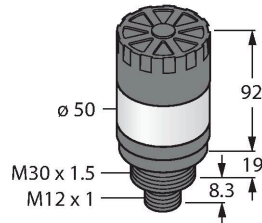


# TL500AQ

## LED Indicator – Monochrome Multifunction Acoustic Signaller



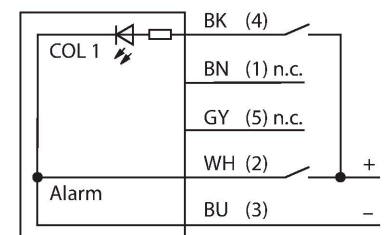
### Technical data

|                                    |                                 |
|------------------------------------|---------------------------------|
| Type                               | TL500AQ                         |
| ID                                 | 3034074                         |
| Signal and display data            |                                 |
| Purpose                            | LED indicator light             |
| Function                           | Tower light                     |
| Light type                         | Orange                          |
| Dimmable                           | No                              |
| Features of color 1                | Orange, Permanently on, 15.5 lm |
| Acoustic signal                    | Continuous tone, 92 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 | 25 mA                           |
| Input type                         | Bipolar (PNP/NPN)22             |
| Response time typical              | < 10 ms                         |
| Mechanical data                    |                                 |
| Cascadable                         | No                              |
| Design                             | Smooth barrel, TL50             |
| Dimensions                         | Ø 50 x 119.4 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                    |
| Relative humidity                  | 0...95 %                        |

### Features

- Plastic housing, black
- EMI and RFI immune
- Protection class IP50
- M12 x 1 male
- Monochrome: Orange (COL 1)
- Operating voltage: 18...30 VDC or 24 VAC with 45 mA per LED color
- Inputs: PNP/NPN
- Beeper max. 92 dB

### Wiring diagram



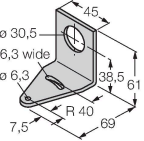
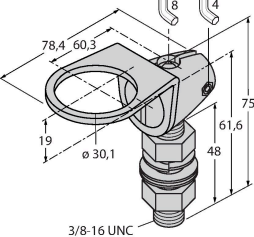
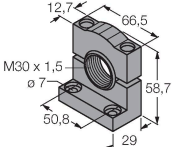
### Functional principle

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 colors  
 Compact devices, no controller required  
 No mounting  
 The wiring diagram shows a PNP pin assignment

## Technical data

|                  |               |
|------------------|---------------|
| Protection class | IP50          |
| Tests/approvals  |               |
| Approvals        | CE, UL listed |

## Accessories

|                                                                                     |         |                                                                                    |
|-------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------|
| SMB30A                                                                              | 3032723 | Mounting bracket, rectangular,<br>stainless steel, for sensors with 30mm<br>thread |
|    |         |  |
| SMB30SC                                                                             | 3052521 | Mounting bracket, PBT black, for<br>sensors with 30 mm thread, rotatable           |
|  |         |                                                                                    |

## 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   |