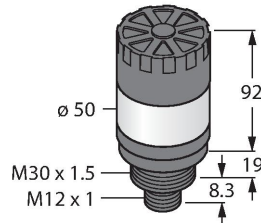


# TL50HRALSQ

## LED Signal Light – Monochrome Multifunction Beeper



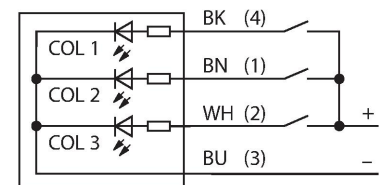
### Technical data

|                                    |                            |
|------------------------------------|----------------------------|
| Type                               | TL50HRALSQ                 |
| ID                                 | 3016659                    |
| Signal and display data            |                            |
| Purpose                            | LED indicator light        |
| Function                           | Tower light                |
| Light type                         | Red                        |
| Dimmable                           | No                         |
| Features of color 1                | Red, Permanently on, 32 lm |
| Acoustic signal                    | Continuous tone, 94 dB     |
| Electrical data                    |                            |
| Operating voltage $U_B$            | 18...30 VDC                |
| DC rated operating current $I_o$   | ≤ 100 mA                   |
| Operating voltage $U_B$            | 21...27 VAC                |
| Max. current consumption per color | 100 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               |
| Relative humidity                  | 0...95 %                   |

### Features

- Plastic housing, black
- EMI and RFI immune
- Protection class IP50
- M12 x 1 male
- Monochrome: Red (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 warning  
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

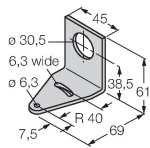
Technical data

|                  |               |
|------------------|---------------|
| Protection class | IP67          |
| Tests/approvals  |               |
| Approvals        | CE, UL listed |

Accessories

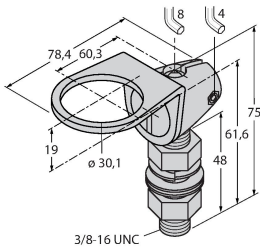
|        |         |
|--------|---------|
| SMB30A | 3032723 |
|--------|---------|

Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread



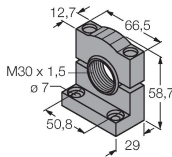
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| SMB30FA | 3074005 |
|---------|---------|

Montagewinkel; Werkstoff VA 1.4401



|         |         |
|---------|---------|
| SMB30SC | 3052521 |
|---------|---------|

Mounting bracket, PBT black, for 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   |